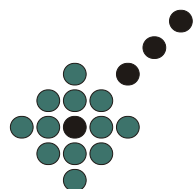


Successful Sampling 2012



Specialist Sampling Equipment and Accessories



SAMPLING SYSTEMS

Successful Sampling Starts Here

Welcome to the new Sampling Systems catalogue. We hope that you will find the brochure easy to use and informative. Our team has been working hard to not only increase our range of best selling samplers but to reduce prices wherever possible.

Larger Stocks

We have increased our batch sizes and have doubled our stock levels. This means we can offer next day delivery on the vast majority of our products.

Free Advice

Can't find the sampler you need? Call us for free, impartial advice on which sampler to choose. We are constantly adding new devices to our range and we may have already solved your sampling problem.

Visit Us

We are based in the historic market town of Coleshill which is only 5 minutes from Birmingham International Airport. You are more than welcome to come and discuss your requirements or try out our samplers.

International Orders

About 75% of our orders are for international customers. Please contact us and we will put you in touch with your local partner.

Icons

We have used the following icons throughout the brochure in order to help you choose the right product.



Device made from 316 (V4A) stainless steel



Item is available pre-sterilised.



Device is suitable for use in GMP areas.



Device is suitable for taking unit dose samples.



Usually despatched within 24 hours. If your order is urgent, or critical, then please check delivery times.



Not a stock item, please check delivery.



ATEX rated device - contact Sampling Systems for full details



Single use item, do not re-use



Disposable Samplers



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Powder Samplers

Free Flowing and Cohesive Powders



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If you need help in finding the right sampler for your application then
contact our friendly sales team for advice
Tel: +44 (0)1675 466992



Why Use a Disposable SteriWare® Sampler?

SteriWare® is your assurance of Quality

Sampling Systems is proud to offer the SteriWare® range. The SteriWare® name is your guarantee that you are buying a high quality product that has been designed, manufactured and packed in the UK.

- Designed by Sampling Systems Ltd.
- Exclusively manufactured using our tooling
- Manufactured and packed according to our strict quality requirements
- Has a full Quality Assurance documentation package

Only products that meet these requirements are branded SteriWare®



SteriWare® gives you Peace of Mind

- Cross-contamination risk is eliminated - the device can be used straight from the bag
- No cleaning is required before or after use
- No cleaning validation (this is very expensive to set up and run)
- Most of our devices are manufactured in a medical cleanroom environment (check individual sampler descriptions)
- Suitable for all industries (pharmaceutical, food, chemical, cosmetic, biotechnology etc.)
- Many of our devices are approved for use in ATEX Zones 0, 1 & 2 (contact Sampling Systems for full details)



SteriWare® products save you time and money

Typically it will cost more to clean and dry a re-usable device than it will to buy a similar disposable device. How can we say that?

1. Typical Overhead rate for a factory technician = £30 to 40/hour (approx. US\$ 55/hour, EURO 45/hour)
2. How long does it take to clean a typical sampler = 20 minutes
3. Cleaning cost = £10 (this price does not include cleaning validation costs!)



SteriWare®

Manufacture of the SteriWare range is carried out in a controlled environment to allow the cleanest possible product. This gives the best sample results as contamination (non clean sampler) is one of the biggest reasons for poor sample results.

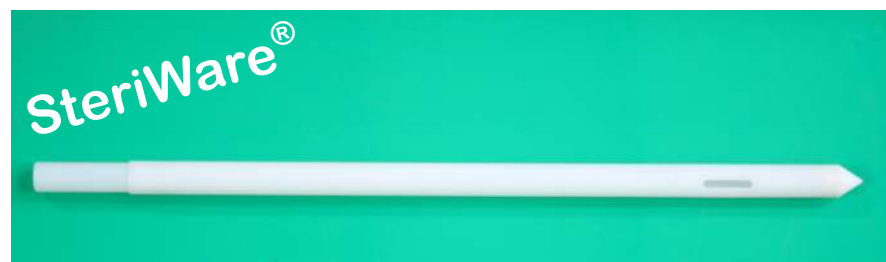
The latest moulding and assembly lines are used in a class 100,000 medical cleanroom.

The photo on the right shows ultrasonic welding taking place on a disposable Powder Thief.



Disposable Powder Sampler

Large Volume single use powder sampler



The Disposable Powder Sampler is ideal for taking a single large volume sample from a single known point.

Assembled & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
ATEX Rated	✓
Available Sterile (gamma irradiated)	✓

[DOWNLOAD](#) Product Specification Sheets from:
www.sampling.co.uk/specs

Operation

The Disposable Powder Sampler is quick and easy to use:

1. Push the sampler into the product
2. Rotate handle to open up slots
3. After leaving the sampler for several seconds to allow powder to enter, rotate handle to close the sampler.
4. Remove sampler
5. Deposit the sample into a suitable container

SteriWare®    

Part No.	Pre-Sterilised	Nominal Sample Volume	Overall Length	Outer Diameter	Material	Quantity per Box
8240H-1000	No	100ml	1000mm	40mm	HDPE	20
8240H-1000S	Yes	100ml	1000mm	40mm	HDPE	20



PharmaBottles®



PharmaBottles are a new premium screw top bottle from Sampling Systems. They are designed to meet the requirements of the pharmaceutical industry.

- Watertight
- Available in 250ml and 500ml sizes
- Other sizes to follow

Moulded & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
Available Sterile (gamma irradiated)	✓
Will be available from stock	✓

SteriWare®   

Part No.	Pre-Sterilised	Nominal Volume	Overall Height	Outer Diameter	Material	Quantity per Box
8888H-250	No	250ml	89mm	78mm	HDPE	25
8888H-250S	Yes	250ml	89mm	78mm	HDPE	25
8888H-500	No	500ml	108mm	94mm	HDPE	25
8888H-500S	Yes	500ml	108mm	94mm	HDPE	25

Disposable Powder Thief

Best Selling Powder Thief



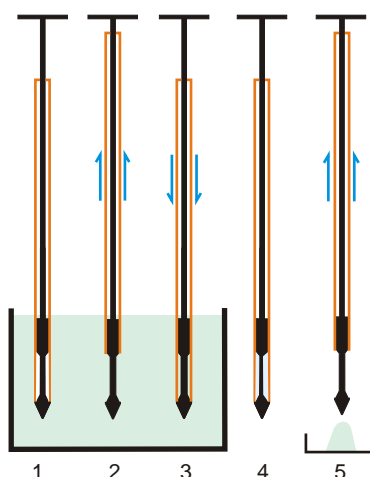
Available with a range of different tip sizes: 1ml, 5ml, 10ml and 20ml

The Disposable PowderThief is ideal for taking representative samples from known locations within the bulk powder. These devices are available in two convenient lengths and four sample volumes.



Operation

1. Insert the sampler into the product. Ensure that the tip is inside the sampler body
2. At the required depth pull up the body to expose the tip. The sample will fall in around the tip
3. Push down body of the sampler to trap the sample
4. Withdraw sampler
5. Pull up body to empty sample



Assembled & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
ATEX Rated	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs



Part No.	Pre-Sterilised	Tip Size	Overall Length	Overall Diameter	Material	Quantity per Box
8060H-501	No	1ml	500mm	21mm	HDPE	20
8060H-501S	Yes	1ml	500mm	21mm	HDPE	20
8060H-505	No	5ml	500mm	21mm	HDPE	20
8060H-505S	Yes	5ml	500mm	21mm	HDPE	20
8060H-510	No	10ml	500mm	21mm	HDPE	20
8060H-510S	Yes	10ml	500mm	21mm	HDPE	20
8060H-520	No	20ml	500mm	21mm	HDPE	20
8060H-520S	Yes	20ml	500mm	21mm	HDPE	20
8060H-1001	No	1ml	1000mm	21mm	HDPE	20
8060H-1001S	Yes	1ml	1000mm	21mm	HDPE	20
8060H-1005	No	5ml	1000mm	21mm	HDPE	20
8060H-1005S	Yes	5ml	1000mm	21mm	HDPE	20
8060H-1010	No	10ml	1000mm	21mm	HDPE	20
8060H-1010S	Yes	10ml	1000mm	21mm	HDPE	20
8060H-1020	No	20ml	1000mm	21mm	HDPE	20
8060H-1020S	Yes	20ml	1000mm	21mm	HDPE	20

Note: Other sizes available between 1 and 20ml - subject to minimum order quantities

Manufactured from 100% HDPE

Disposable Powder Lance

Cross Sectional Sampler - No Cleaning Required



The Disposable Powder Lance is ideal for taking a cross sectional sample through a bulk powder.

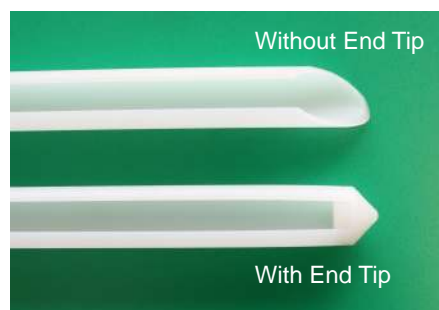
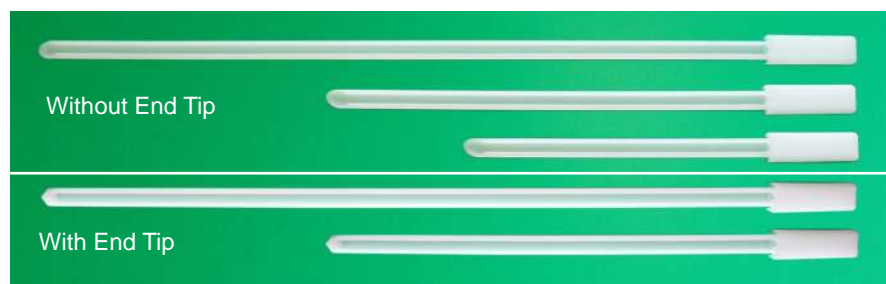
Assembled & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
ATEX Rated	✓
Available Sterile (gamma irradiated)	✓

[DOWNLOAD](#) Product Specification Sheets from: www.sampling.co.uk/specs

Operation

The Disposable Powder Lance is quick and easy to use:

1. Push the Disposable Powder Lance into the product and then withdraw
2. Deposit the sample into a suitable container
3. Place the used sampler into its plastic bag



End Tips

The Powder Lance is available with an open tip or with an End Tip (which is fixed in place using ultrasonic welding).

Without End Tip - ideal for use with sticky, cohesive powders

With an End Tip - use when sampling free flowing powders

Without End Tip

SteriWare®     

Part No.	Pre-Sterilised	Blade Length	Overall Length	Nominal Sample Volume	Material	Quantity per Box
8063H-300	No	300mm	420mm	75ml	HDPE	20
8063H-300S	Yes	300mm	420mm	75ml	HDPE	20
8063H-500	No	500mm	620mm	100ml	HDPE	20
8063H-500S	Yes	500mm	620mm	100ml	HDPE	20
8063H-1000	No	830mm	950mm	170ml	HDPE	20
8063H-1000S	Yes	830mm	950mm	170ml	HDPE	20

With End Tip

SteriWare®     

Part No.	Pre-Sterilised	Blade Length	Overall Length	Nominal Sample Volume	Material	Quantity per Box
8064H-500	No	500mm	620mm	100ml	HDPE	20
8064H-500S	Yes	500mm	620mm	100ml	HDPE	20
8064H-1000	No	830mm	950mm	170ml	HDPE	20
8064H-1000S	Yes	830mm	950mm	170ml	HDPE	20

Manufactured from 100% HDPE

Disposable Slot Sampler

Cross Sectional Multilevel Sampler

**New
Sizes**

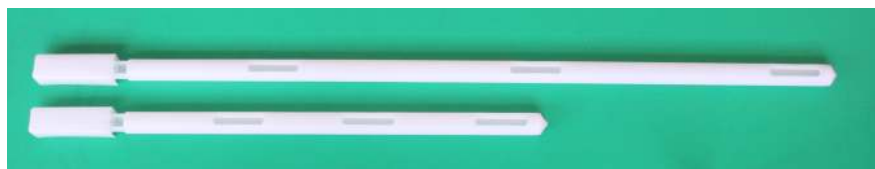
The Disposable Slot Sampler is ideal for taking a multilevel, cross sectional sample from powders and granules.

The Disposable Slot Sampler takes a single composite from the top, middle and bottom of your powder bed.

Assembled & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
ATEX Rated	✓
Available Sterile (gamma irradiated)	✓



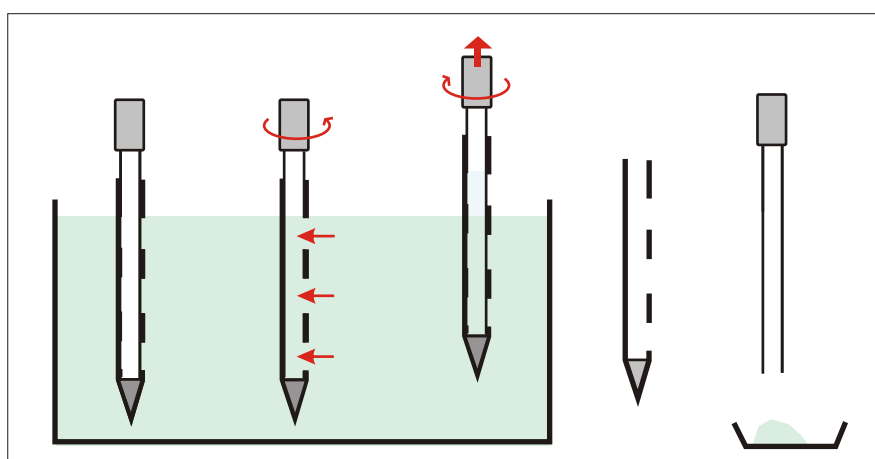
Product Specification Sheets from:
www.sampling.co.uk/specs



Operation

The Disposable Slot Sampler is quick and easy to use:

1. Push the sampler into the product
2. Rotate handle to open up slots
3. After leaving the sampler for several seconds to allow powder to enter, rotate handle to close the sampler.
4. Remove sampler
5. Slide the inner rod out of the outer tube
6. Deposit the sample into a suitable container



SteriWare®     

Part No.	Pre-Sterilised	Overall Length	Nominal Sample Volume	Overall Diameter	Material	Quantity per Box
8073H-500	No	620mm	100ml	25mm	HDPE	20
8073H-500S	Yes	620mm	100ml	25mm	HDPE	20
8073H-1000	No	970mm	170ml	25mm	HDPE	20
8073H-1000S	Yes	970mm	170ml	25mm	HDPE	20
8073J-1000	No	1000mm	500ml	40mm	HDPE	20
8073J-1000S	Yes	1000mm	500ml	40mm	HDPE	20

Manufactured from 100% HDPE

Disposable Sack Sampler

Take Samples through the side of a Sack



The Disposable Sack Master is a hygienic, single use device that has been specially designed to take samples through the side of a sack.

Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
ATEX Rated	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs

Operation:

1. Insert the sampler through the side of the sack.
2. Angle sampler downwards to allow the product to flow into the sample collecting bag
3. Seal hole with an Ultra Adhesive label (see page 98-101 for details)



Part No.	Length	Diameter	Material	Pre-Sterilised	Quantity per Box
8085A-100	400mm	25mm	HDPE	No	100
8085A-100S	400mm	25mm	HDPE	Yes	100
8080A-450	Sample Collecting Bag 450ml - for hygienic use - sterile			Qty: 1000 bags	
8080A-900	Sample Collecting Bag 900ml - for hygienic use - sterile			Qty: 1000 bags	

Why Use a Disposable Sampler?



Quality

- Cross-contamination risk is eliminated - the device can be used straight from the bag
- No cleaning is required before or after sampling
- No cleaning validation (this is very expensive to set up and run)
- Most devices are manufactured in a medical cleanroom environment (check individual sampler descriptions)
- Peace of mind
- Suitable for all industries (pharmaceutical, food, chemical, cosmetic, biotechnology etc.)
- Many of our devices are approved for use in ATEX Zones 0, 1 & 2 (contact Sampling Systems for full details)

Financial

- Save time and money (it will cost more to clean a reusable sampler than to buy a disposable sampler)

Disposable PharmaScoop®

The new Industry Standard - High Quality Robust Scoop

Scoops are essential pieces of equipment for dispensaries and manufacturing plants. The Sampling Systems range of disposable PharmaScoops® are the ultimate in quality and affordability.

SteriWare® PharmaScoops® are used by pharmaceutical companies all over the world.



Moulded & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
ATEX Rated	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs



SteriWare®     

Part No.	Nominal Capacity	Pre-sterilised	Colour	Material	Quantity per Box
8045A-30	30ml	No	White	PS	100
8045A-30S	30ml	Yes	White	PS	100
8045A-60	60ml	No	White	PS	100
8045A-60S	60ml	Yes	White	PS	100
8045A-125	125ml	No	White	PS	100
8045A-125S	125ml	Yes	White	PS	100
8045A-250	250ml	No	White	PS	100
8045A-250S	250ml	Yes	White	PS	100
8045A-500	500ml	No	White	PS	100
8045A-500S	500ml	Yes	White	PS	100
8045A-1000	1000ml	No	White	PS	100
8045A-1000S	1000ml	Yes	White	PS	100
8045A-2500	2500ml	No	White	PS	100
8045A-2500S	2500ml	Yes	White	PS	100
8045R-30S	30ml	Yes	Red	PS	100
8045R-60S	60ml	Yes	Red	PS	100
8045R-500S	500ml	Yes	Red	PS	100
8045R-1000S	1000ml	Yes	Red	PS	100
8045R-2500S	2500ml	Yes	Red	PS	100
8045P-1000	1000ml	No	White	PP	100

Disposable PharmaScoops® are also available in other materials on request. Please contact us for details.

Disposable Volumetric Spoons

Single use, accurate measuring spoons

New



Volumetric Spoons allow small volumes to be accurately measured. The Volumetric Spoons are designed to be used straight from the bag.

Moulded & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs

Ideal for Unit Dose Checking



Part No.	Flat Fill Volume	Bowl Diameter	Handle Length	Overall Length	Pre-Sterilised	Material	Quantity per Box
8640H-01S	1ml	18mm	130mm	153mm	Yes	HDPE	100
8640H-05S	5ml	29mm	130mm	165mm	Yes	HDPE	100
8640H-10S	10ml	35mm	130mm	171mm	Yes	HDPE	100
8640H-20S	20ml	43mm	130mm	180mm	Yes	HDPE	100

Made from 100% white, rigid HDPE

Sample Spoons

Ideal for dispensing and sampling small quantities

New



Moulded & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs



Part No.	Nominal Spoon Volume	Overall Length	Pre-Sterilised	Material	Quantity per Box
8088A-03	3ml	173mm	No	PS	100
8088A-03S	3ml	173mm	Yes	PS	100
8088A-10	10ml	185mm	No	PS	100
8088A-10S	10ml	185mm	Yes	PS	100

Made from 100% white, rigid PS

Disposable Powder Spatula

Easy to use spatulas - made in a cleanroom

Sampling and dispensing small quantities of powders has never been easier thanks to the Powder Spatula.

The Powder Spatula is tough and comfortable to use.

The Powder Spatula is manufactured and packed in a controlled atmosphere and so can be used straight from the bag.

The Powder Spatula is also available with a special clip-on container, see the PowderSafe on page 10 for details.



Moulded & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
ATEX Rated	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs



SteriWare®     

Part No.	Blade Length	Blade Width	Overall Length	Pre-Sterilised	Material	Quantity per Box
8095A-150	150mm	19mm	230mm	No	PS	100
8095A-150S	150mm	19mm	230mm	Yes	PS	100
8095A-250	250mm	19mm	330mm	No	PS	100
8095A-250S	250mm	19mm	330mm	Yes	PS	100

Made from 100% white, rigid PS



Try Before You Buy

Ask for your free Sample Pack

We are confident that you will be impressed with the quality of our SteriWare® products.

If you need samples of any SteriWare® products please contact us with your requirements.





Disposable PowderSafe

Versatile Spatula with Built In Protective Cover and Container



The PowderSafe comprises of our best selling Powder Spatula complete with click-on container. The see through container slips over the blade of the spatula and is securely locked into place.

At the laboratory the container can be easily removed.

Moulded & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs



The sampled powder is safely locked inside the cover



Press down the two tabs to release the cover, this is easy to do even when wearing gloves

SteriWare®



NEXT DAY
DELIVERY

Part No.	Blade Length	Overall Length	Pre-Sterilised	Material	Quantity per Box
8097A-150	150mm	230mm	No	PS	100
8097A-150S	150mm	230mm	Yes	PS	100

SteriWare®



Ultrasonic Welding-
we do not use adhesives or screws when
assembling SteriWare products

Why is Cleanroom Manufacture Important?

SteriWare® products are used in the manufacture of pharmaceutical and foods around the world. We understand the importance of SteriWare® products being free from external contamination.

Our SteriWare® products are all assembled and packed in a certified class 100,000 cleanroom. The majority of our moulding machines are also sited in the cleanroom.

We are not aware of any other manufacturer using a cleanroom for the manufacture of similar products.

SteriWare® is the brand you can trust!

Micro-Spatulas

Ideal for handling small quantities of powders & granules

**New
Size**

The Disposable Micro-Spatula is ideal for sampling small volumes. Its narrow sampling blade enables samples to be taken from very small containers such as vials.



Moulded & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs

SteriWare®



NEXT DAY
DELIVERY

Part No.	Nominal Sample Volume	Pre-Sterilised	Material	Blade Width	Blade Length	Overall Length	Quantity per Box
8015V-170	0.3ml	No	PS	4mm	40mm	170mm	100
8015V-170S	0.3ml	Yes	PS	4mm	40mm	170mm	100
8015N-170	0.5ml	No	PS	6mm	40mm	170mm	100
8015N-170S	0.5ml	Yes	PS	6mm	40mm	170mm	100
8015A-170	2ml	No	PS	13mm	40mm	170mm	100
8015A-170S	2ml	Yes	PS	13mm	40mm	170mm	100
8015H-170	2ml	No	HDPE	13mm	40mm	170mm	100

Disposable Bowls

Ideal for handling and mixing Powders and Liquids

The Disposable Bowl is ideal for pre-mixing potent drugs and highly coloured substances prior to blending.

Moulded & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
ATEX Rated	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs



SteriWare®



NEXT DAY
DELIVERY

Part No.	Nominal Volume	Diameter	Pre-Sterilised	Material of Construction	Quantity per Box
8017H-05	500ml	129mm	No	HDPE	100
8017H-05S	500ml	129mm	Yes	HDPE	100

Disposable Funnel



Moulded & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs



Part No.	Top Diameter	Spout Diameter	Overall Height	Pre-Sterilised	Material	Quantity per Box
8370A-100	100mm	12mm	125mm	No	PS	100
8370A-100S	100mm	12mm	125mm	Yes	PS	100
8370A-200	200mm	15mm	180mm	No	PS	100
8370A-200S	200mm	15mm	180mm	Yes	PS	100

Disposable Pallet Knife

New



Moulded & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs



Part No.	Blade Length	Blade Width	Overall Length	Pre-Sterilised	Material	Quantity per Box
8175H-150	150mm	40mm	260mm	No	HDPE	100
8175H-150S	150mm	40mm	260mm	Yes	HDPE	100
8175H-200	200mm	45mm	300mm	No	HDPE	100
8175H-200S	200mm	45mm	300mm	Yes	HDPE	100

Disposable Scraper

New



Moulded & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs



Part No.	Blade Length	Blade Width	Overall Length	Pre-Sterilised	Material	Quantity per Box
8785H-75	75mm	75mm	190mm	No	HDPE	100
8785H-75S	75mm	75mm	190mm	Yes	HDPE	100
8785H-110	110mm	110mm	225mm	No	HDPE	100
8785H-110S	110mm	110mm	225mm	Yes	HDPE	100

Disposable LiquiThief & ViscoThief

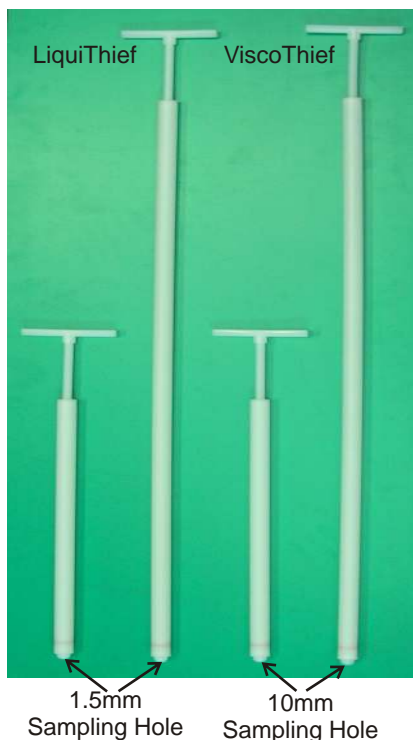
Liquid and Cream Sampling Without Costly Cleaning

Sampling Systems revolutionised liquid sampling with the introduction of the LiquiThief and the ViscoThief. Two models are available which make sampling liquids, creams and pastes very easy.

Assembled & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
ATEX Rated	✓
Available Sterile (gamma irradiated)	✓

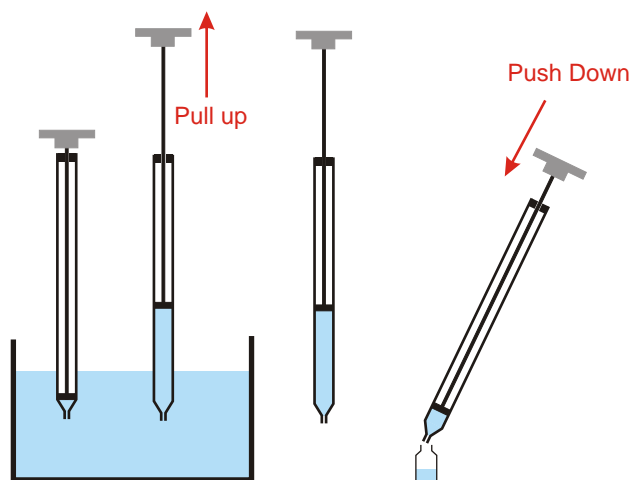


Product Specification Sheets from:
www.sampling.co.uk/specs



Operation:

1. Insert the sampler into the product
2. At the required depth pull up the handle. The sample will be drawn into the sampler
3. Withdraw sampler
4. Push down handle to expel the sample



Disposable LiquiThief

- 1.5mm sampling hole
- Suitable for liquids such as water and light oils

SteriWare®     

Part No.	Sampler Length	Pre-Sterilised	Max. Sample Volume	Material	Outer Diameter	Quantity per Box
8050H-500	500mm	No	100ml	HDPE*	21mm	20
8050H-500S	500mm	Yes	100ml	HDPE*	21mm	20
8050H-1000	1000mm	No	190ml	HDPE*	21mm	20
8050H-1000S	1000mm	Yes	190ml	HDPE*	21mm	20

Disposable ViscoThief

- 10mm sampling hole
- Suitable for creams, pastes and gels

SteriWare®     

Part No.	Sampler Length	Pre-Sterilised	Max. Sample Volume	Material	Outer Diameter	Quantity per Box
8055H-500	500mm	No	100ml	HDPE*	21mm	20
8055H-500S	500mm	Yes	100ml	HDPE*	21mm	20
8055H-1000	1000mm	No	190ml	HDPE*	21mm	20
8055H-1000S	1000mm	Yes	190ml	HDPE*	21mm	20

* A silicone o-ring is used as the piston seal.

Thumb Tube Pipettes

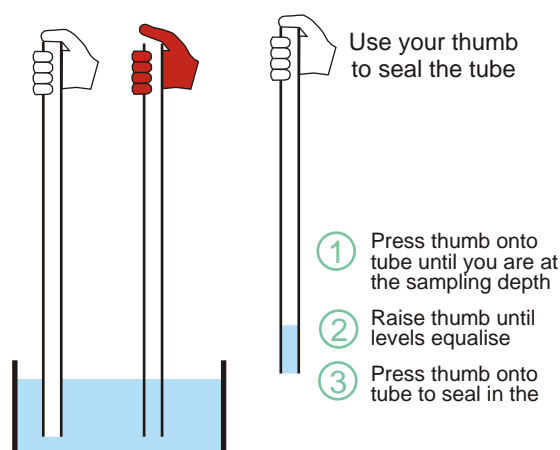
Low Cost Disposable Liquid Samplers



Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
Available Sterile (gamma irradiated)	✓



Product Specification Sheets from:
www.sampling.co.uk/specs



Standard Thumb Tubes - Qty: 50 per box



Part No.	Overall Length	Overall Diameter	Internal Diameter	Pre-Sterilised	Material	Max Sample Volume
5055A-50	1000mm	12mm	9mm	No	HDPE	60ml
5055A-50S	1000mm	12mm	9mm	Yes	HDPE	60ml

Micro Thumb Tubes - Qty: 100 per box



Part No.	Overall Length	Overall Diameter	Internal Diameter	Pre-Sterilised	Material	Max Sample Volume
5054P-6	300mm	6mm	4mm	No	PP	2ml
5054P-8	300mm	8mm	6mm	No	PP	4ml

Disposable Trays

High quality, hygienic trays for laboratory & hospital use

New



Assembled & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
ATEX Rated	✓
Available Sterile (gamma irradiated)	✓

Disposable Trays are ideal for use in laboratories and hospitals. Each tray is individually bagged.



Product Specification Sheets from:
www.sampling.co.uk/specs

SteriWare®



Part No.	Pre-Sterilised	Nominal Sample Volume	Length	Width	Height	Material
8081H-3000	No	3000ml	310mm	265mm	55mm	HDPE
8081H-3000S	Yes	3000ml	310mm	265mm	55mm	HDPE

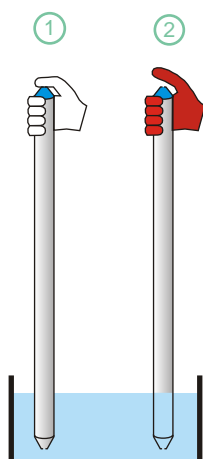
Jumbo Pipettes

Low Cost Disposable Liquid Samplers

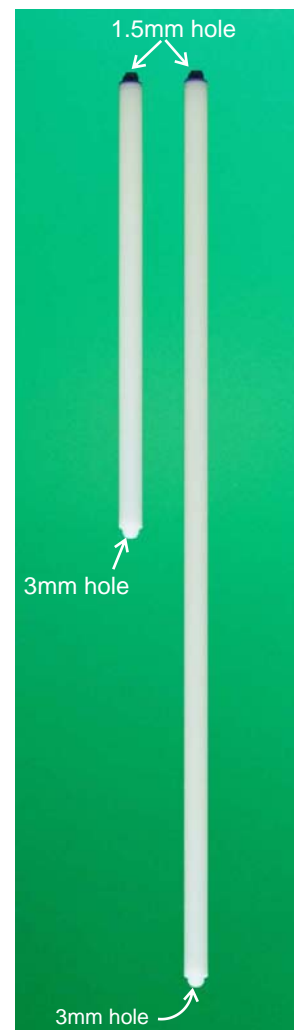
The Jumbo Pipette is both quick and easy to use. It is ideal for taking samples from low viscosity liquids.

Assembled & Packed in a Cleanroom	✓
Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
ATEX Rated	✓
Available Sterile (gamma irradiated)	✓

[DOWNLOAD](#) Product Specification Sheets from:
www.sampling.co.uk/specs



- ① Press thumb onto tube until you are at the sampling depth
- ② Raise thumb until levels equalise
- ③ Press thumb onto tube to seal in the



SteriWare®    

Part No.	Overall Length	Overall Diameter	Internal Diameter	Pre-Sterilised	Max. sample Volume	Material	Quantity per Box
8051H-450	450mm	21mm	17mm	No	80ml	HDPE	50
8051H-450S	450mm	21mm	17mm	Yes	80ml	HDPE	50
8051H-900	900mm	21mm	17mm	No	180ml	HDPE	50
8051H-900S	900mm	21mm	17mm	Yes	180ml	HDPE	50

Disposable Jugs

Disposable Jugs have a wide base which makes them very stable. The handle is rounded to make it comfortable to hold.

These jugs are non-graduated.

Individually Bagged	✓
FDA Conforming Materials	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
Available Sterile (gamma irradiated)	✓

[DOWNLOAD](#) Product Specification Sheets from:
www.sampling.co.uk/specs



SteriWare®    

Part No.	Nominal Volume	Pre-Sterilised	Diameter	Height	Material	Quantity per Box
8049H-2000	2000ml	No	129mm	152mm	HDPE	20
8049H-2000S	2000ml	Yes	129mm	152mm	HDPE	20

Coliwasa

Easy to use liquid sampler - ideal for industrial applications



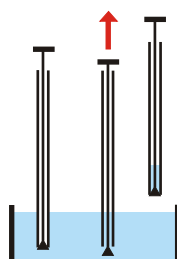
Tip of
Coliwasa

Handle to
operate plug at
end of sampler

Operation:

- Insert sampler into the product.
- At the required depth push down the handle to unplug the end of the tube allowing the liquid to enter the sampler.
- Pull up handle to re-plug the tube. Remove sampler

Pull up
handle to
seal tube



Part No.	Pre-Sterilised	Length	Material	Quantity per Box
5050A-24	No	1066mm	HDPE	24
5050A-24S	Yes	1066mm	HDPE	24

Note: The Coliwasa is not recommended for hygienic GMP correct sampling. Sampling Systems recommend the LiquiThief (page 17) for hygienic applications.

Glass Thumb Tube Pipettes

Available in tough borosilicate glass



- Manufactured from tough borosilicate glass
- Simple to use (operation as above)
- Individually wrapped for pre-cleaned and pre-sterilised versions
- For best control over liquid when sampling use Jumbo Pipettes or the Disposable LiquiThief



Part No.	Overall Length	Overall Diameter	Internal Diameter	Pre-Sterilised	Material	Max Sample Volume	Quantity per Box
5055B-50	1000mm	12mm	9mm	No	Borosilicate Glass	60ml	50
5055B-50S	1000mm	12mm	9mm	No - Cleaned	Borosilicate Glass	60ml	50
5055B-50TC*	1000mm	12mm	9mm	No - Cleaned	Borosilicate Glass	60ml	50
5055G-50TS**	800mm	12mm	9mm	Yes	Borosilicate Glass	35ml	50

* Tapered to 6mm to allow extra product control

** Tapered to 3mm to allow extra product control



PowderThief

Best Selling Powder Thief

The PowderThief was originated by Sampling Systems over 15 years ago and is now a world leader in powder sampling. It is extensively used throughout the pharmaceutical, chemical and food industries around the world.

The PowderThief is suitable for sampling free flowing powders and granules. A range of tips are available so that a single sampler can be used to accurately sample a range of different volumes.

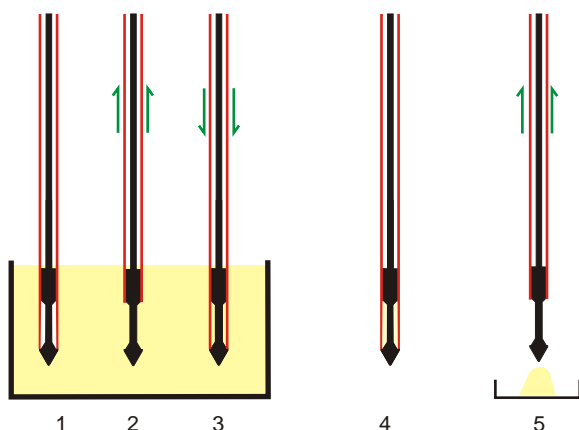
- Made from high quality 316 stainless steel
- Wide range of sizes
- Simple to use

Type: Single Point
For Unit Dose Sampling - see low volume sizes

Material: 316 stainless steel, PTFE used for clutch mechanism

Operation

1. Insert the sampler into the product, ensure that the tip is inside the sampler body.
2. At the required depth pull up the body to expose the tip. Powder will flow in around the tip.
3. Push down body of the sampler to trap the sample.
4. Withdraw sampler.
5. Pull up body to release the sample.



PowderThief samplers are available in a range of different sizes



Tips - various sizes can be attached to the same body to allow different volumes to be sampled

Special short or very long samplers are available on request - please ask for details



PowderThief cont....



Sampler Bodies

Part No.	Sampler Length	Body Diameter
1030A-300	300mm	12.5mm
1030A-600	600mm	12.5mm
1030A-1000	1000mm	12.5mm
1030A-1500	1500mm	12.5mm
1030A-2000	2000mm	12.5mm
1030B-600	600mm	19mm
1030B-1000	1000mm	19mm
1030B-1500	1500mm	19mm
1030B-2000	2000mm	19mm
1030C-600	600mm	25mm
1030C-1000	1000mm	25mm
1030C-1500	1500mm	25mm
1030D-600	600mm	32mm
1030D-1000	1000mm	32mm
1030D-1500	1500mm	32mm
1030D-2000	2000mm	32mm

Sampling Tips

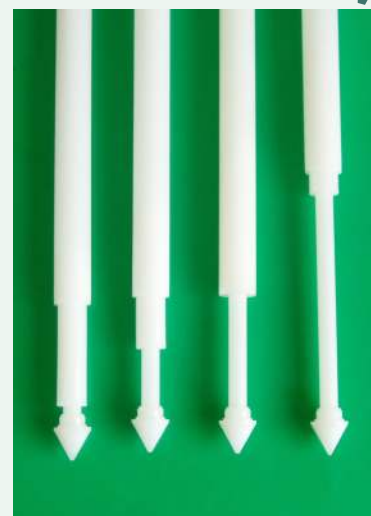
A range of standard tip sizes is available for each body diameter.
Special sizes available on request.

Part No.	Tip Size	Tip to suit Body Diameter
1030AT-025	0.25ml	12.5mm
1030AT-050	0.5ml	12.5mm
1030AT-075	0.75ml	12.5mm
1030AT-100	1.0ml	12.5mm
1030BT-2	2ml	19mm
1030BT-3	3ml	19mm
1030BT-5	5ml	19mm
1030BT-8	8ml	19mm
1030BT-10	10ml	19mm
1030CT-10	10ml	25mm
1030CT-20	20ml	25mm
1030CT-25	25ml	25mm
1030DT-20	20ml	32mm
1030DT-25	25ml	32mm
1030DT-50	50ml	32mm

Options	Cleaning brushes	See page 94
	Storage cases	See page 95
	XRF Certification	See page 102

... also available is a single use, **disposable** PowderThief

The Disposable PowderThief works in the same way as the stainless steel Powder Thief (above). Disposable samplers have the advantage that they can be used straight from the bag and never need to be cleaned, thereby saving you time and money.



SteriWare®

See page 7 for full details of the Disposable Powder Thief

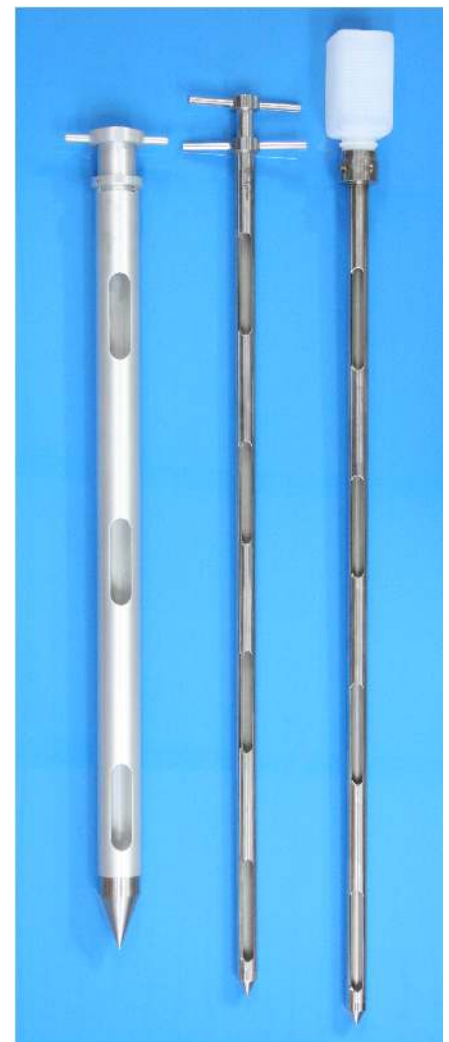
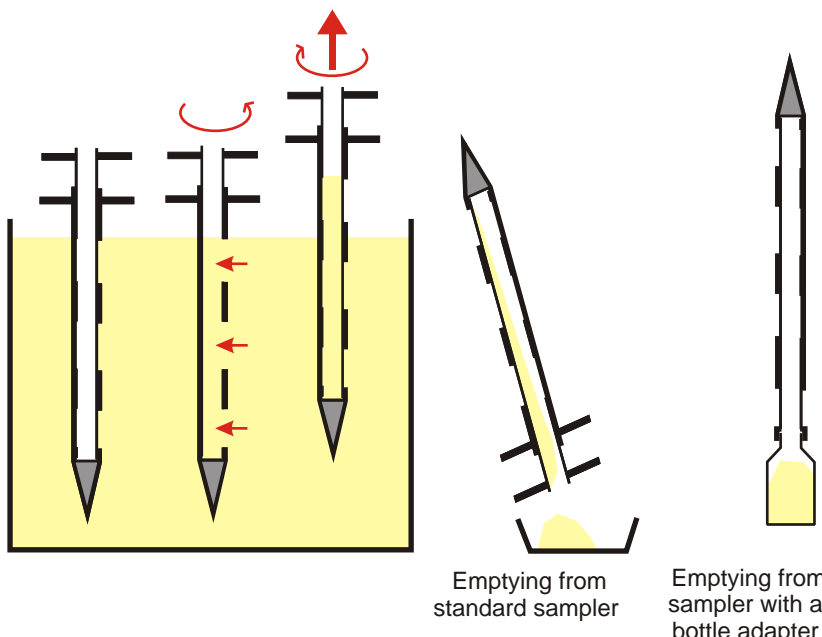
Slot Sampler

Multilevel Sampler gives a Single Composite Sample



The Slot Sampler is ideal for taking a large volume, cross sectional sample from a container. The sampler has a robust all stainless steel construction and is suitable for sampling free flowing powders, granules and even slightly cohesive powders

- Type: Cross section (composite sample)
- General: Suitable for taking large volume samples.
- Operation:
1. Insert the sampler into the product
 2. Turn the handle to open the slot - the product can now be collected in the central tube
 3. Turn the handle to close the slot
 4. Remove the sampler
 5. Invert the sampler to discharge the sample



Slot Sampler cont....

Bottle Holder

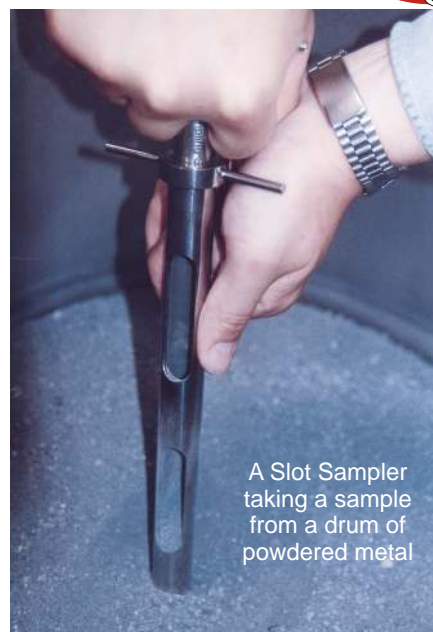


The Slot Sampler is available with a bottle holder. This enables the sample to be emptied directly into a bottle.

- Improved Containment
- Save time
- Can be used with either a 250ml or 500ml bottle



Sample being discharged from a Standard Slot Sampler without a Bottle Holder



A Slot Sampler taking a sample from a drum of powdered metal

Standard Slot Sampler:

25mm diameter - 316 Stainless Steel



Part No.	Bottle Holder	Sampler Length	Outer Diameter	Number of slots	Maximum Sample volume	Material of Construction
1210A-300	No	300mm	25mm	3	45ml	316 stainless steel
1210A-600	No	600mm	25mm	3	110ml	316 stainless steel
1210A-1000	No	1000mm	25mm	4	190ml	316 stainless steel
1210A-1500	No	1500mm	25mm	5	300ml	316 stainless steel
1210A-2000	No	2000mm	25mm	5	370ml	316 stainless steel
1210B-600	Yes*	600mm	25mm	3	110ml	316 stainless steel
1210B-1000	Yes*	1000mm	25mm	4	190ml	316 stainless steel
1210B-1500	Yes*	1500mm	25mm	5	300ml	316 stainless steel
8165A-250	Sample collecting bottle - 250ml. HDPE					
8165A-500	Sample collecting bottle - 500ml. HDPE					
Tip2	Round tip. (Sampler supplied with pointed tip) for use with 25mm diameter samplers only					
Cleaning brushes	See page 94 for more information					
Storage Cases	See page 95 for more information					
XRF Certification	See page 102 for more information					
* Don't forget to order a Sample Collecting Bottle						

Jumbo Slot Sampler:

Large Sample Volume - No bottle Holder



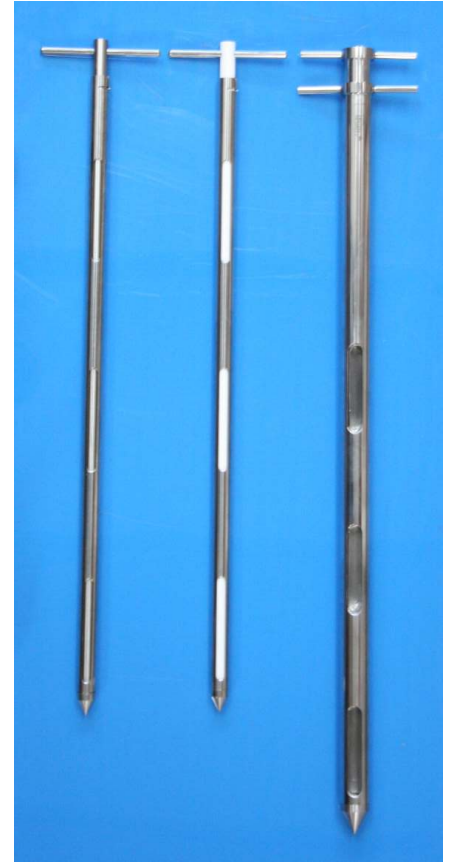
Part No.	Sampler Length	Outer Diameter	Number of slots	Max. Sample Volume	Material of Construction
1210K-1000	1000mm	40mm	3	750ml	316 stainless steel
1210K-1500	1500mm	40mm	4	1000ml	316 stainless steel
1210K-2000	2000mm	40mm	4	1300ml	316 stainless steel
1210J-900	900mm	50mm	3	880ml	Aluminium**
1210J-1500	1500mm	50mm	5	1700ml	Aluminium**
1210J-2500	2500mm	50mm	7	2900ml	Aluminium**

** Aluminium samplers are not recommended for GMP applications - use stainless steel

Disposable Slot Sampler - see page 9

Pocket Sampler

Multilevel Sampler for taking discrete samples



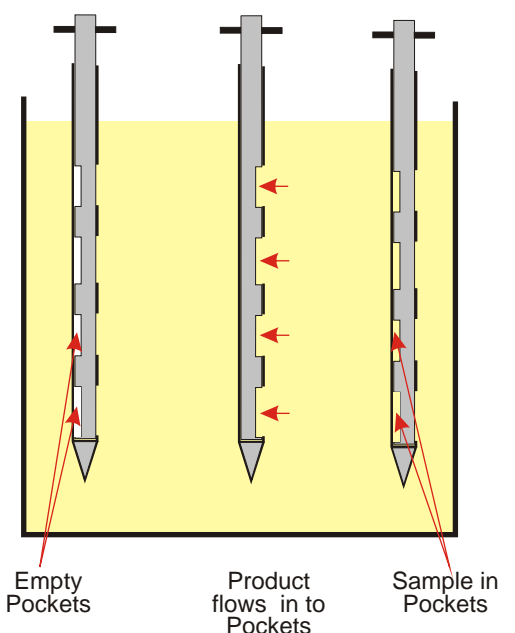
The Pocket Sampler is used in hundreds of pharmaceutical manufacturing facilities all over the world. The Pocket Sampler is ideal for taking discrete samples from free flowing powders and granules. The sampler is available in a range of sizes and designs.

Type: Multilevel (discrete/zone samples)

Material: 316 Stainless steel outer with a PTFE core or all 316 stainless steel construction

Operation:

1. Insert the sampler into the product
2. At the required depth rotate handle to expose the collecting pockets, the product will flow into the collecting pockets
3. Rotate handle to close pockets and remove sampler
4. See below for details on how to empty the sampler



Pocket Sampler cont....

Bayonet Handle

- Allows simple operation
- Quick disconnect system so sampler can be dismantled in seconds
- Robust design

(Bayonet handle is available on the 1220A and 1220B models)



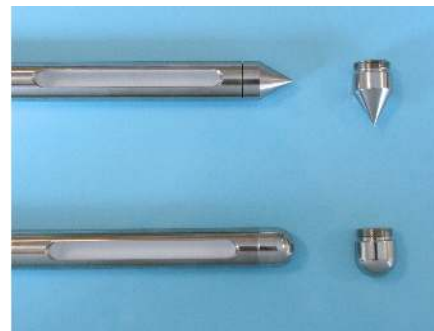
Sealing Sleeves

- Enables one pocket to be emptied at a time
- Simply clip on to cover
- Easy to remove



Tips

- Samplers are supplied with pointed tips as standard
- Rounded tips are available as an option



Emptying Rack

- Enables the samples to be deposited directly into collecting bottles
- All stainless steel construction
- Supplied complete with stainless steel funnels



Part No.	Outer Tube	Inner Rod	Outer Diameter	No. of Pockets	Volume of each Pocket	Sampler Length
1220A-600	316ss	PTFE	25mm	3	15ml	600mm
1220A-900	316ss	PTFE	25mm	3	20ml	900mm
1220A-1500	316ss	PTFE	25mm	5	20ml	1500mm
1220B-600	316ss	316ss	25mm	3	15ml	600mm
1220B-900	316ss	316ss	25mm	3	20ml	900mm
1220B-1500	316ss	316ss	25mm	5	20ml	1500mm
1220J-900	316ss	316ss	40mm	3	200ml	900mm
1220J-1500	316ss	316ss	40mm	4	200ml	1500mm
1220J-2000	316ss	316ss	40mm	4	200ml	2000mm

Accessories

8005A-01	Sealing Sleeve Set - Covers pockets - set of 3 sleeves (25mm diameter - suitable for 1220A and 1220B)
8005A-02	Sealing Sleeve Set - Covers pockets - set of 3 sleeves (40mm diameter - suitable for 1220J)
1220X-600	Emptying rack for 600mm sampler (25mm diameter - suitable for 1220A and 1220B)
1220X-900	Emptying rack for 900mm sampler (25mm diameter - suitable for 1220A and 1220B)
1220X-1500	Emptying rack for 1500mm sampler (25mm diameter - suitable for 1220A and 1220B)
1220Y-900	Emptying rack for 900mm sampler (40mm diameter - suitable for 1220J)
1220Y-1500	Emptying rack for 1500mm sampler (40mm diameter - suitable for 1220J)
1220Y-2000	Emptying rack for 2000mm sampler (40mm diameter - suitable for 1220J)
LUG-1	Earthing connection point. See page 80 for more info
Tip2	Round tip. (Sampler supplied with pointed tip). For 25mm diameter samplers only - 1220A and 1220B
Tip3	Round tip. (Sampler supplied with pointed tip). For 40mm diameter samplers only - 1220J
Cleaning brushes	See page 94 for full range
Storage Cases	See page 95 for full range
XRF	Material certification verified by XRF (see page 102)

Powder Max

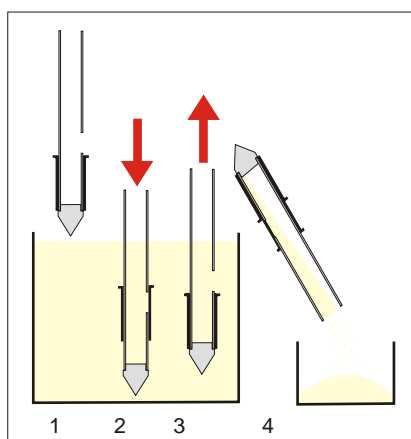
Large volume sleeve sampler



Designed for use with free flowing powders, granules and grains. The Powder Max enables large samples to be quickly and easily taken.

Material: 316 stainless steel (contact parts). Satin Finish

- Operation**
1. Insert sampler into the product.
 2. This action forces the sleeve upwards covering the sample hole and stopping powder from entering.
 3. On pulling the sampler upwards, the sleeve moves down and the product can now enter the sampler.
 4. Invert sampler to discharge the sample.



Part No.	Overall Length	Max. Sample Volume	316ss	GMP	NEXT DAY DELIVERY
1213A-01	1000mm	150ml	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ancillaries	Cleaning brushes	See page 94 for full range			
	Storage Cases	See page 95 for full range			
	XRF Certification	See page 102 for details			

Power Sampler




The Power Sampler consists of a convenient hand held power unit which drives an auger. The auger is used to draw the product up the lance and into the collecting vessel.

Suitability: Free Flowing Powders and granules. Cohesive Powders

Material: 316 stainless steel (contact parts). Satin Finish

Operation: Insert the lance into the product. The auger within the lance will draw the product up the lance and deposit it in the collecting vessel. Reversing the direction of the auger will allow material within the lance to be returned at the end of sampling.

Part No.	Description				
Drive Unit Sets	Lance supplied with Drive Unit and 2 batteries, Battery Charger (requires 230v 50Hz supply) and Carrying Case				
Part No.	Length	Suitable for Powders		Lance Type	
Lances	1215A-300	300mm	Up to 2mm in diameter	Horizontal	
	1215A-600	600mm	Up to 2mm in diameter	Vertical	
	1215A-900	900mm	Up to 2mm in diameter	Vertical	
	1215A-1200	1200mm	Up to 2mm in diameter	Vertical	
Accessories	1215W-500	Sample Bottle 500ml (suitable for use in bottle holder)			
	1215C-01	Stainless Steel Bottle Holder - use in place of sterile bags			

Sleeve Sampler

Large Volume Sampling From Depth

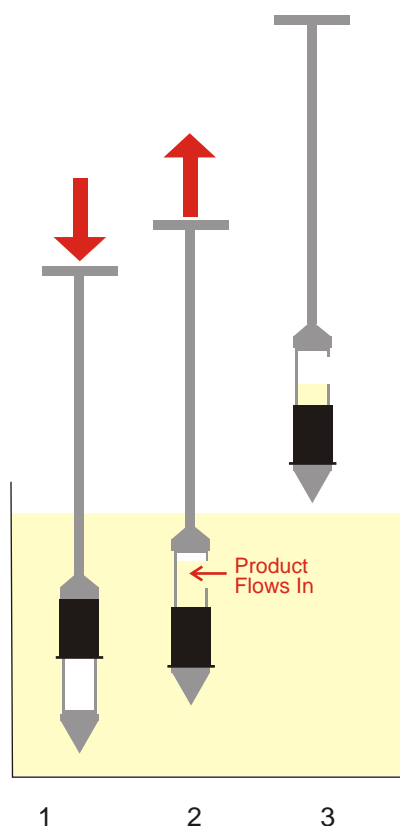
Ideal for sampling large volumes at great depths. Various sized chambers can be attached to the same handle to allow different sample volumes to be taken.

Type: Single Point

Material: 316 stainless steel, bright finish

Heavy Duty Handle

The heavy duty handle and extension rods have been designed to be extremely strong and robust to allow samples to be taken from depths up to 6m (after about 6m the sampler gets heavy).



Operation:

1. Select the correct chamber for the volume to be sampled and screw it onto the handle. Insert the sampler into the product.
2. At the required depth pull up the sampler slightly. This will force the sleeve down so that product can fall into the sample chamber.
3. Remove sampler.
4. To empty sampler either pour sample out of filling port or unscrew the tip.



Handles & Extension Rods			Sample Chambers	
Part No.	Description	Length	Part No.	Chamber Volume
1035A-1000	Heavy Duty Handle	1000mm	1035T-100	100ml
1035A-1500	Heavy Duty Handle	1500mm	1035T-150	150ml
1035E-1000	Heavy Duty Extension Rod	1000mm	1035T-200	200ml
Storage Cases			See page 95 for further information	
XRF Certification			See page 102 for further information	

Sack Master

The Worlds Best Range of High Quality Sack Samplers



The Sampling Systems Sack Master range has been specially designed to take samples through the side of a sack.

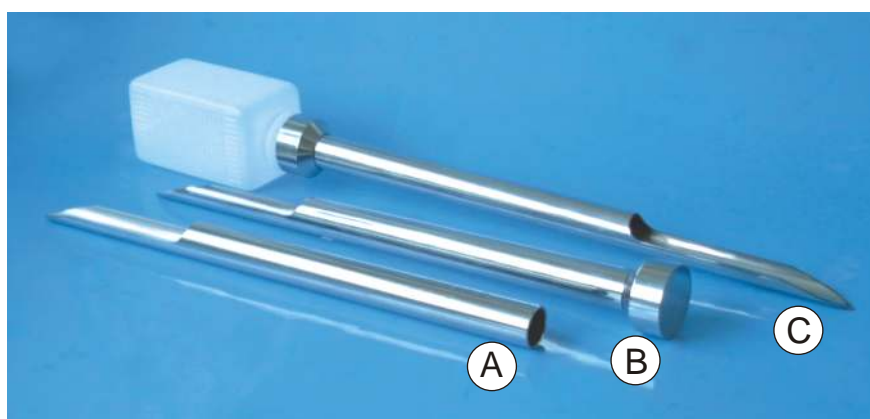
A unique range of sample collection methods are available.

Type: Single point

Material: 316 stainless steel or HDPE

- Operation:
1. Insert the sampler through the side of the sack.
 2. Angle sampler downwards to allow the product to flow into the sample collecting container
 3. Seal the hole using an Ultra Adhesive Label (see page 98)

Special designs are available on request.



Seal hole with a UA label
(See Pages 98 to 101)



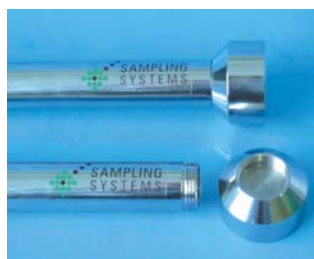
Ⓐ Plain

- Sample collecting bag is held over end of sampler
- Plain end
- Electropolished



Ⓑ End Cap

- Cap screws on to end of Sack Sampler
- Easily removed for cleaning
- Sample is retained in Sack Sampler
- Electropolished



Ⓒ Bottle Adapter

- Adapter screws on to end of Sack Sampler
- Sample is collected in either a 250ml or 500ml bottle
- After sampling unscrew bottle and screw on the plastic bottle cap
- Electropolished



Part No.	Sampler Description	Sampler End Fitting	
1320A-01	Sack Master P	Plain	<div><div>316ss✓</div><div>GMP✓</div><div>NEXT DAY DELIVERY</div></div>
1320B-01	Sack Master EC	End Cap	
1320C-01	Sack Master BA	Bottle Adapter*	
* Sampler supplied with one 250ml Sample Bottle (Part No. 8165A-250)			
Accessories			
8165A-250	Sampling Bottle - 250ml - HDPE - for use with bottle adapter		
8165A-500	Sampling Bottle - 500ml - HDPE - for use with bottle adapter		
8001A-500	Cleaning Brush - 500mm length		
XRF Certification	XRF certification (see page 102)		

Disposable Sack Sampler



1. Unwrap Sampler



2. Insert the sampler through the side of the sack.
Angle sampler downwards to allow the product to flow into the sample collecting bag



SteriWare®     

Part No.	Length	Diameter	Pre-Sterilised	Quantity per Box
8085A-100	400mm	25mm	No	100
8085A-100S	400mm	25mm	Yes	100
8080A-450	Sample Collecting Bag 450ml - for hygienic use. Sterile		Qty: 1000 bags	
8080A-900	Sample Collecting Bag 900ml - for hygienic use. Sterile		Qty: 1000 bags	

MicroThief

Ultra Low Volume Powder Thief



The MicroThief is suitable for taking very small volume samples of free flowing powders and granules. The MicroThief is easily adjusted so that the operator can vary the size of the sample being taken.

- Made from high quality 316 stainless steel
- Adjustable - takes a range of sample sizes
- Simple to use

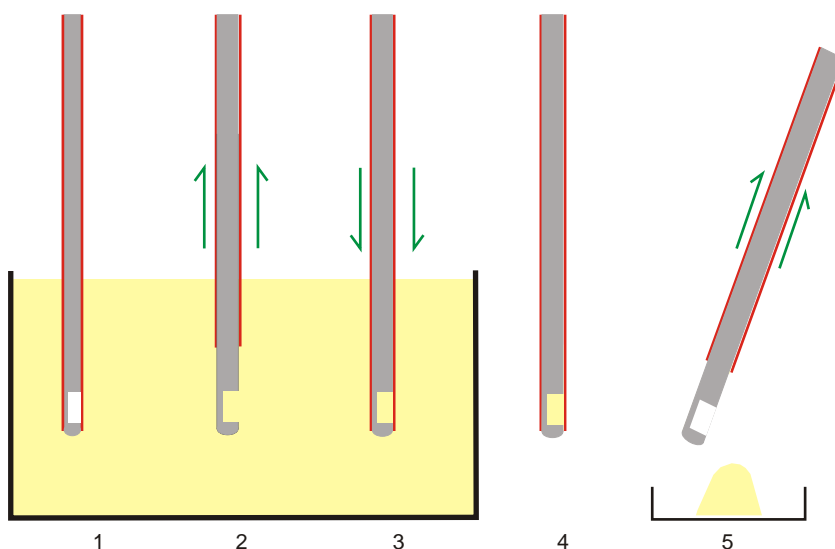


Operation



Sample tip can be easily adjusted to vary the volume of the sample taken

1. Insert the sampler into the product, ensure that the tip is inside the sampler body.
2. At the required depth pull up the body to expose the tip. Powder will flow in around the tip.
3. Push down body of the sampler to trap the sample.
4. Withdraw sampler.
5. Pull up body to release the sample.



Part No.	Nominal Sample Volume	Overall Length	Material	Overall Diameter
1074A-350	Variable between 0.01 and 0.1ml	350mm	316ss	5mm
1074A-500	Variable between 0.01 and 0.1ml	500mm	316ss	5mm
Storage Cases	See page 95			
XRF Certification	See Page 102			

MicroMate

Low Volume Powder Sampler

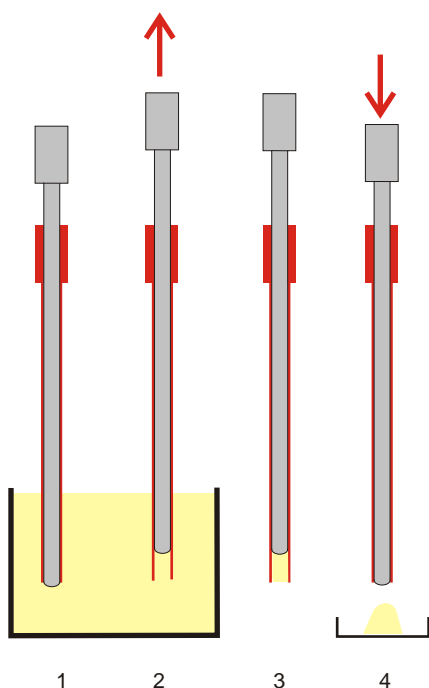
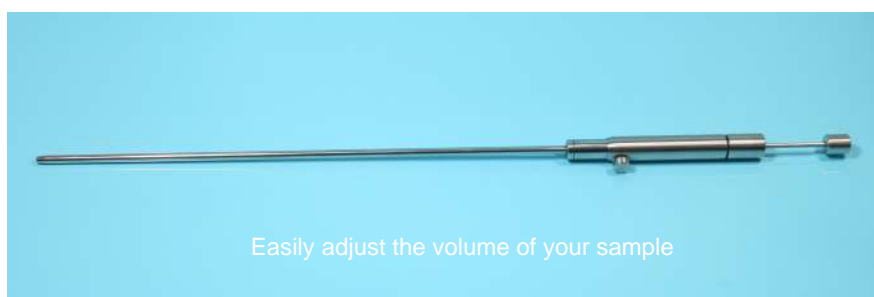
The MicroMate is designed for low volume sampling of free flowing powders and granules.

The MicroMate can be easily adjusted so that it can take a range of sample sizes.

Type: Single Point

Material: 316 stainless steel

- Made from high quality 316 stainless steel
- Adjustable - takes a range of sizes
- Simple to use



Operation

1. Insert the sampler into the product. Ensure that the inner rod extends beyond the outer tube.
2. At the required depth pull up the inner rod to draw the product into the sampler
3. Withdraw sampler.
4. Push down handle to release sample



Part No.	Nominal Sample Volume	Overall Length	Material	Overall Diameter
1070A-350	Variable - up to 0.1ml	350mm	316ss	5mm
1070A-500	Variable - up to 0.1ml	500mm	316ss	5mm
Storage Cases	See page 95			
XRF Certification	See Page 102			

Telescopic Powder Sampler

Take Powder Samples up to 6m Deep

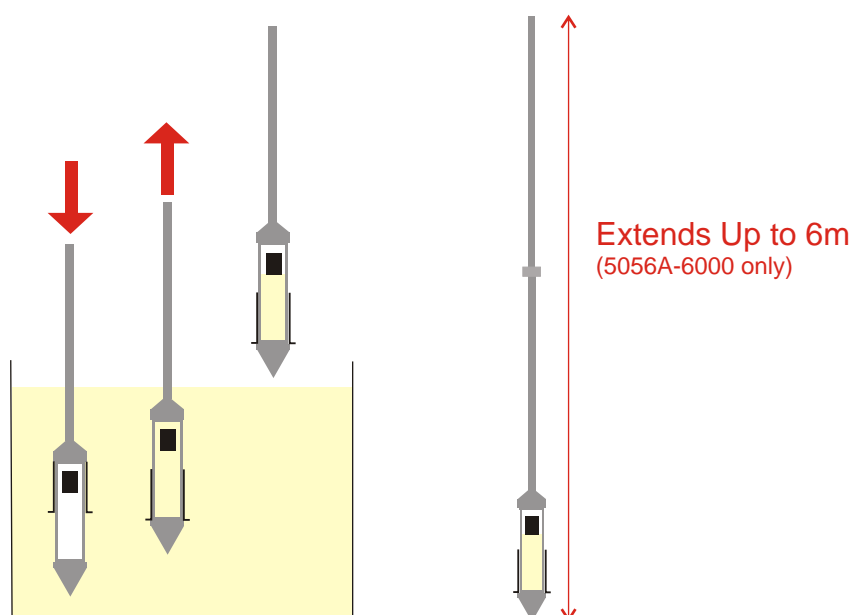


The Telescopic Powder Sampler is designed for use with free flowing powders, granules and grains. The handle can be quickly and easily extended to the desired length. The Telescopic Powder Sampler enables samples to be quickly and easily taken from depths of up to 6m.

Type: Single Point - Telescopic Sampler

Material: 316 stainless steel

- Telescopic rod extends up to 6m
- Range of different sized sample collecting Chambers
- Suitable for powders and granules



Operation

1. Insert sampler into the product.
2. This action forces the sleeve upwards covering the sample hole and stopping powder from entering.
3. On pulling the sampler upwards, the sleeve moves down and the product can now enter the sampler.
4. Withdraw the sampler
5. Pull sleeve back to discharge powder

Telescopic sampler ideal for sampling large depths



Telescopic Handles

Part No.	Length	Material of Construction
5065S-1500	800 to 1500mm	316 stainless steel*
5065S-3000	1500 to 3000mm	316 stainless steel*
5065S-4500	1500 to 4500mm	316 stainless steel*
5065A-1200	600 to 1200mm	Aluminium
5065A-2500	1250 to 2500mm	Aluminium
5065A-3000	1000 to 3000mm	Aluminium
5065A-4500	1500 to 4500mm	Aluminium
5065A-6000	1500 to 6000mm	Aluminium

XRF Certification See page 102

Sample Chambers

Part No.	Chamber Volume	Material
1035P-001	1ml	316 stainless steel
1035P-002	2ml	316 stainless steel
1035P-100	100ml	316 stainless steel
1035P-150	150ml	316 stainless steel
1035P-200	200ml	316 stainless steel

Special volumes available on request.

* 316 stainless steel handles contain a PTFE clutch (the PTFE conforms to FDA CFR 177.2600)

Multi Thief

Multilevel Powder Sampler with variable Sample Volumes

New

The Multi Thief is ideal for taking multilevel samples from free flowing powders and granules.

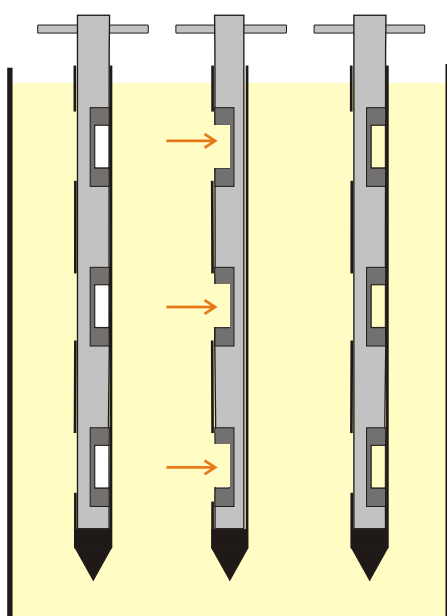
The sample volume can be quickly and easily changed by changing removable sample cells.

Type: Multilevel

Material: 316 stainless steel



- 316 stainless steel construction
- Variable sample volumes 5 to 60ml
- Range of sampler lengths
- Suitable for free flowing powders and granules



Operation:

1. Select the correct volume Inserts and fit them into the Inner Rod.
2. Slide the assembled Inner Rod into the Outer Sleeve at the lowest sampling level
3. Insert the sampler into the product, turn the handle to expose the sampling cells to the product.
4. Turn the handle so no Sampling Inserts are exposed then remove the sampler from the product.
5. Remove the Inner Rod from the Outer Sleeve, the individual Sampling Inserts can then be easily removed for analysis.



Part No.	Sampler Length	Diameter	No. of Inserts Required	Material of Construction
1290K-1000	1000mm	40mm	3	316 stainless steel
1290K-1500	1500mm	40mm	4	316 stainless steel
1290K-2000	2000mm	40mm	4	316 stainless steel
Sample Inserts				
Inserts are available any volume from 5ml up to 60ml				
1290W-XX	Sample Insert where XX = sample volume in ml		e.g. 1290W-25 = insert with 25ml sample volume	

Unit Dose Sample Thief

Unit Dose Sampling made easy

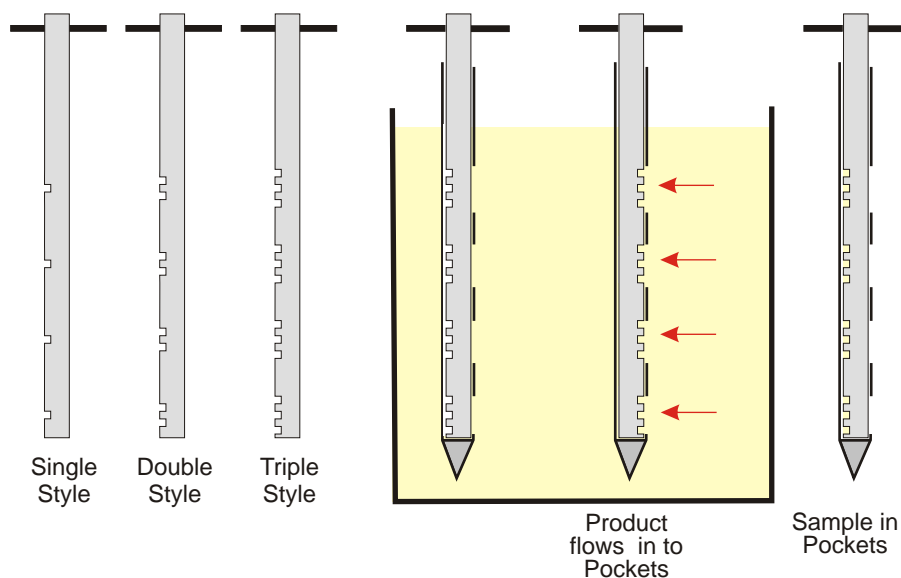
New



The Unit Dose Sample Thief is a highly versatile sampler for taking multiple samples at multiple heights within the product.

The operator can quickly change the sample volume and the number of samples taken by simply changing the inner rod.

Above - Triple Style Sampler



Operation:

1. Select the correct Inner Rod and fit it inside the Outer Tube
2. Insert the sampler into the product, turn the handle to expose the pockets to the product.
3. Turn the handle to the original closed position, then remove the sampler from the product.
4. Remove the Inner Rod from the Outer Tube to expose the samples.

Note:

Maximum sample volume is 3ml per pocket

Ordering -

Order Outer Tubes and Inner Rods separately



Outer Tubes			
Part No.	Description	Sampler Length	Number of Windows
1245A-600	Outer Tube - 316ss	600mm	3
1245A-1000	Outer Tube - 316ss	1000mm	3
1245A-1500	Outer Tube - 316ss	1500mm	3

Inner Rods	
Single Style	1245K-XXXX-YY where XXXX is length of outer tube and YY is pocket sample volume Eg. 1245K-600-25 = Inner rod for 600mm sampler, sample volume is 2.5ml and 1 samples required at each window
Double Style	1245L-XXXX-YY where XXXX is length of outer tube and YY is pocket sample volume Eg. 1245L-1500-26 = Inner rod for 1500mm sampler, sample volume is 2.6ml and 2 samples required at each window
Triple Style	1245M-XXXX-YY where XXXX is length of outer tube and YY is pocket sample volume Eg. 1245M-1000-10 = Inner rod for 1000mm sampler, sample volume is 1.0ml and 3 samples required at each window
Cleaning brushes	See page 94 for more information
Storage Cases	See page 95 for more information
XRF Certification	See page 102 for more information

U-D Sleeve Sampler

The Accurate Unit Dose Powder Sampler

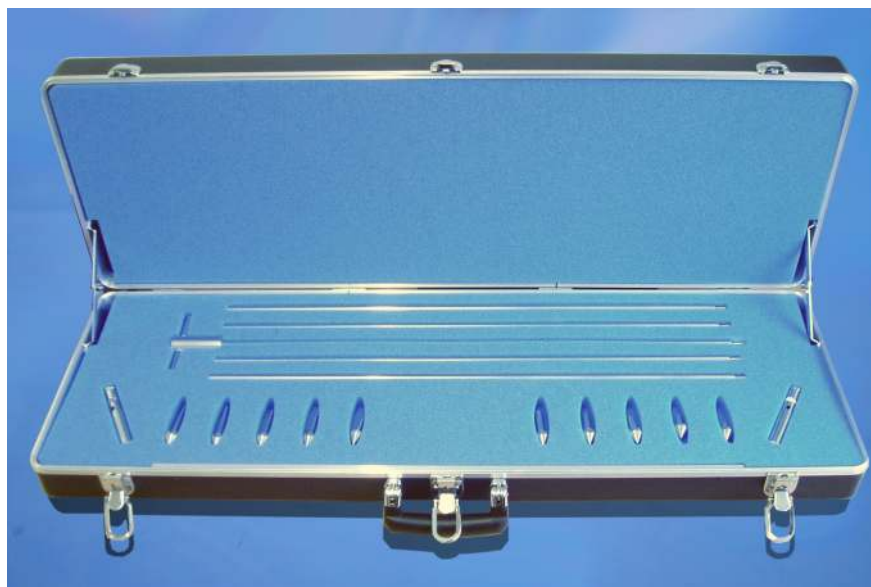
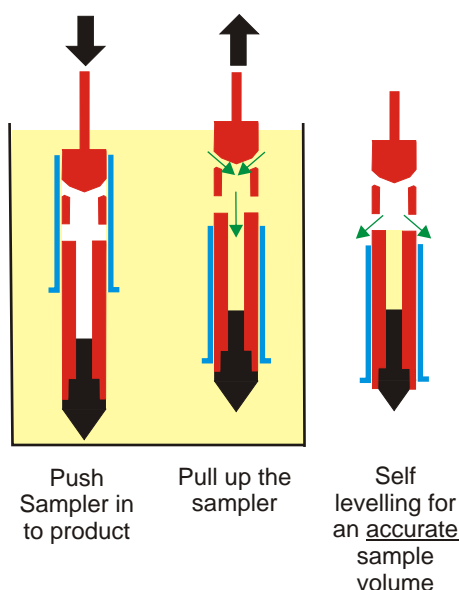
The U-D Sleeve Sampler is extensively used in the pharmaceutical industry for accurate, small volume sampling of free flowing Powders and Granules. It is ideal for Unit Dose Sampling.

Type: Single Point Unit Dose

Material: 316 stainless steel

Operation

1. Insert the sampler into the product.
2. At the required depth pull up the sampler slightly (this upwards action will force the sleeve down the sample chamber and expose the ports) the product can then fall into the sample chamber.
3. As the sampler is removed the excess powder will fall out of the overflow leaving an accurate volume of powder in the sample chamber.

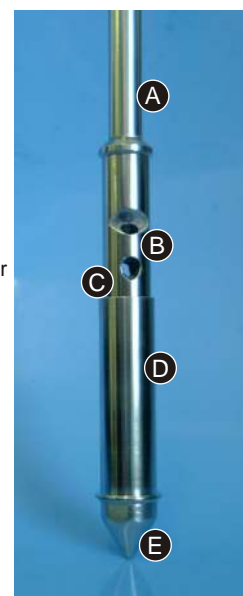


U-D Sleeve Sampler Set (1500S-01) - The set includes a range of interchangeable tips to allow different sample volumes to be taken. Extension rods allow samples to be taken from a depth of up to 3m.



Different Volume Sampling Tips can be fitted to the same chamber

- (A) Rod
- (B) Ports
- (C) Sample Chamber
- (D) Sleeve
- (E) Tip



Part No.	Description
1500S-01	U-D Sleeve Sampler Set Includes: <ul style="list-style-type: none"> 1 x T-bar handle - 600mm 4 x handle extension rods - 600mm 1 x Type 1 sample chamber (for Tips 0.1 to 1.2ml) 1 x Type 2 sample chamber (for Tips 1.3 to 2.5ml) 10 x Sampling tips (0.1ml to 2.5ml - see below) 1 x High Quality Sampler Case - lockable
1500A-01	T Bar Handle 600mm
1500A-02	Handle Extension 600mm
1500A-03	Sample Chamber - Type 1 (for Tips 0.1 to 1.2ml)
1500A-04	Sample Chamber - Type 2 (for Tips 1.3 to 2.5ml)
1500C-01	High Quality Sampler Case - lockable - with cut outs for sampler components
XRF Certification	XRF Certification (see page 102)
Sampling Tips	
Tips are available in all sizes from 0.1ml to 2.5ml in 0.1ml increments. (0.1ml, 0.2ml, 0.3ml, 0.4ml etc.)	
How to Order a Tip: Use part number 1500W-XX where XX is the tip size Example: 1500W-07 0.7ml tip 1500W-23 2.3ml tip	

U-D Master

Unit Dose Sampling to meet FDA Guidelines



The patented U-D Master is designed for multilevel low volume sampling in the pharmaceutical industry. It is ideal for use with free flowing powders. By simply changing the sample inserts (cells) different volumes can be sampled. The sampler is available in two convenient diameters 25mm (Standard U-D Master) and 13mm (Micro U-D Master).

- Manufactured from 316 stainless steel
- Satin polish ($R_a < 1$ microns)
- Take Multiple Samples from the same Point
- Range of sampler lengths
- Change the sample volume by changing the insert
- Special finishes and materials of construction available on request



More than one sample can be taken from the same sampling point (see double or triple styles).



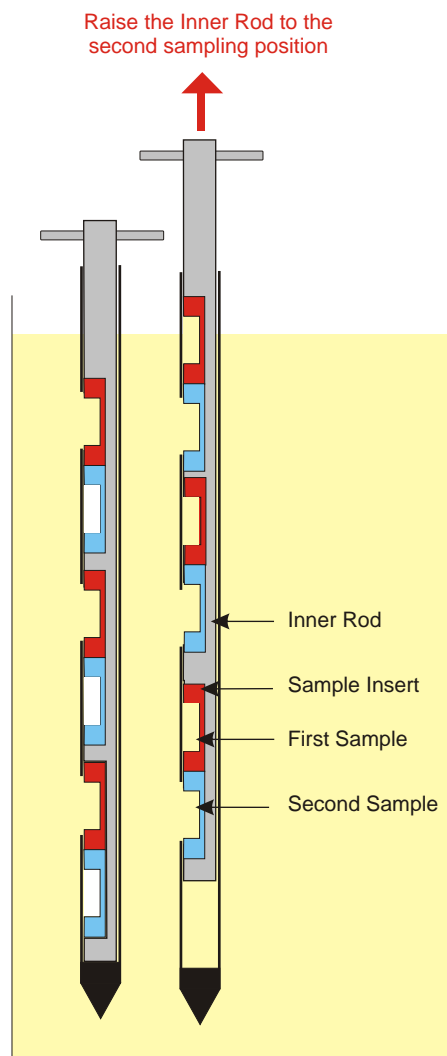
Choose the right inserts to get the required sample volume

Sample Inserts are stamped with their volume for easy identification



Place the Sample Inserts in the Inner Rod

UD Master cont.....



Drawing showing how the Double Style sampler takes two samples from each sampling point

Operation:

1. Select the correct volume Inserts and fit them into the Inner Rod.
2. Slide the assembled Inner Rod into the Outer Sleeve at the lowest sampling level
3. Insert the sampler into the product, turn the handle to expose the sampling cells to the product.
4. Double and Triple Style samplers - pull the handle to the next level to expose the next set of sampling cells.
5. Turn the handle so no Sampling Inserts are exposed then remove the sampler from the product.
6. Remove the Inner Rod from the Outer Sleeve, the individual Sampling Inserts can then be easily removed for analysis.

SINGLE Style Sampler

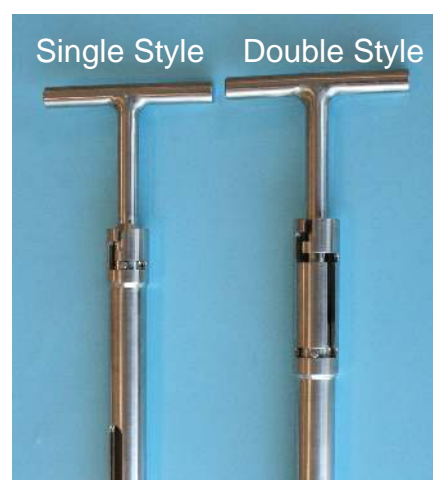
Collects ONE set of samples at each sampling point.

DOUBLE Style Sampler

Collects TWO sets of samples at each sampling point.

TRIPLE Style Sampler

Collects THREE sets of samples at each sampling point.



Single Style & Double Style samplers - the Double Style has a two level labyrinth slot. The Triple Style sampler (not shown) has a three level labyrinth slot.



	Part No.	Sampler Length	Sampler Diameter	Number of Sampling Points	Number of Sample Cells needed
SINGLE Style Sampler	1230A-300	300mm	25mm	5	5
	1230A-600	600mm	25mm	10	10
	1230A-900	900mm	25mm	6	6
	1230A-1200	1200mm	25mm	8	8
	1230A-1500	1500mm	25mm	10	10
	1230A-1800	1800mm	25mm	12	12
DOUBLE Style Sampler	1230B-600	600mm	25mm	5	10
	1230B-900	900mm	25mm	7	14
	1230B-1200	1200mm	25mm	8	16
	1230B-1500	1500mm	25mm	10	20
	1230B-1800	1800mm	25mm	12	24
TRIPLE Style Sampler	1230C-900	900mm	25mm	5	15
	1230C-1200	1200mm	25mm	7	21
	1230C-1500	1500mm	25mm	8	24
	1230C-1800	1800mm	25mm	10	30

Sample Inserts -

Sample Inserts are available in 0.1ml increments from 0ml to 4ml.

Part Number is 1230T-XX (where XX = Cell Volume)

For Example - The Part Numbers for 1.2ml and 0.5ml Inserts are : 1230T-12 and 1230T-05 respectively

Accessories	Cleaning Brushes	see page 94
	Storage Case	see page 95
	XRF certification	see page 102

UD Tablet Maker

After Sampling make a Tablet to reduce Sampling Error

The U-D Tablet Maker is designed to compress the powder samples taken by the U-D Master. By compressing the sample it ensures that loose powder is not lost during handling, this helps to reduce sampling error.

Special Split Sample Cells need to be used in place of the standard sample cells. (Note: These inserts will not work with the narrow Micro U-D Master)



Split Sample Inserts

What Do I Need?

1. The U-D Tablet machine (see table below)
2. Special split samples cells (see table below)
3. The correct tablet punches for the split sample cells (see table below)
4. Sampler - see Standard U-D Master (see page XXX)



Part No.	Description
1230TABLET	Tablet Compression Machine - manually operated - Size - 200mm x 400mm x 400mm high
Split Sample Inserts are available in 0.1ml increments from 0 to 3ml. Part no. is 1230T-XXS (where XX= cell volume) For example - The part number for 1.2ml and 0.5ml respectively are: 1230T-12S and 1230T-05S	
1230P-01	Punch for use with 0.1ml split Sample Inserts
1230P-02	Punch for use with 0.2ml split Sample Inserts
1230P-03	Punch for use with 0.3, 0.4, 0.5 and 0.6ml split Sample Inserts
1230P-07	Punch for use with 0.7, 0.8, 0.9, 1.0 and 1.1ml split Sample Inserts
1230P-12	Punch for use with 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9 and 2.0ml split Sample Inserts
1230P-21	Punch for use with 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 and 3ml split Sample Inserts
XRF Certification - See page 102	

Measuring Scoop

Accurately Measures Powders

The Sampling Systems Measuring scoop is deal for scooping out fixed volumes of powder. It is made from high quality 316 stainless steel.

Special volumes are available on request.



New



Part No.	Volume of Scoop	Handle Length	Material of Construction
1900A-01	1ml	180mm	316ss
1900A-05	5ml	180mm	316ss
1900A-10	10ml	180mm	316ss
1900A-25	25ml	180mm	316ss
1900A-50	50ml	180mm	316ss
XRF Certification - see page 102			

U-D Cohesive Sampler

Unit Dose Sampler for Cohesive Powders

A popular sampler in the pharmaceutical industry for taking low volume (unit dose) cohesive powder samples. Allows accurate samples to be taken.

Type: Single Point Unit Dose

Material: 316 stainless steel

Operation

1. Insert the sampler into the product.
2. At the required depth push down the handle and rotate it through 180°.
3. Pull up sampler several millimetres (to fill the cell), then rotate handle 180° (to lock cell in closed position).
4. Remove sampler



'T'Bar Handle

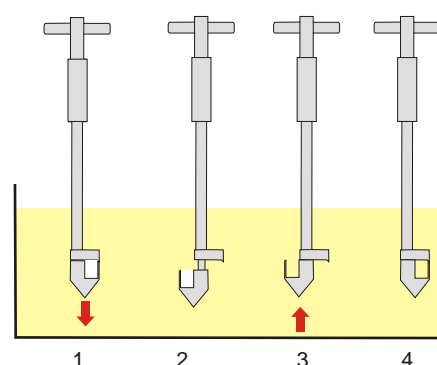


Tip in open position



Tip in closed position

Part No.	Description	Unit Dose	316ss	GMP	NEXT DAY DELIVERY
2000S-01	U-D Cohesive Sampler Set - consisting of: 1 off Handle, Sample Cells - 1 each of: 0.25ml, 0.5ml, 0.75ml and 1.0ml 1 off Standard Sampler Case	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2000A-1000	Sampler body and handle - 1000mm length				
2000T-025	Sample Collecting Cell - 0.25ml				
2000T-050	Sample Collecting Cell - 0.5ml				
2000T-075	Sample Collecting Cell - 0.75ml				
2000T-100	Sample Collecting Cell - 1.0ml				
8001N-1100	Cleaning Brush - 1100mm length - narrow style				
	Storage Cases - see page 94				
	XRF Certification - see page 102				



Disposable UD Spoons

Single use, Unit Dose Spoons

Volumetric Spoons allow small volumes to be accurately measured. The Volumetric Spoons are designed to be used straight from the bag.

- Made from white HDPE (FDA grade - conforms to CFR 177.1520)
- Individually wrapped
- Manufactured and packed in a medical cleanroom (Class 100,000) to ensure cleanliness
- Range of sizes



SteriWare®   

Part No.	Flat Fill Volume	Handle Length	Overall Length	Pre-Sterilised	Quantity per Box
8640H-01S	1ml	130mm	153mm	Yes	100
8640H-05S	5ml	130mm	165mm	Yes	100
8640H-10S	10ml	130mm	171mm	Yes	100
8640H-20S	20ml	130mm	180mm	Yes	100

Powder Trier

High Quality Trier - ideal for powders, granules & grains

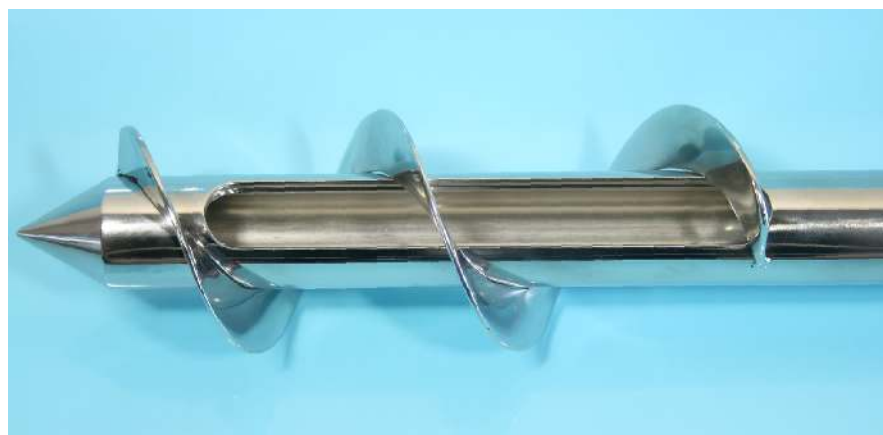


The Sampling Systems Trier is ideal for taking a large volume, cross sectional sample from a container. The sampler has a robust all stainless steel construction and is suitable for sampling cereals, grains, free flowing powders, granules and even slightly cohesive powders

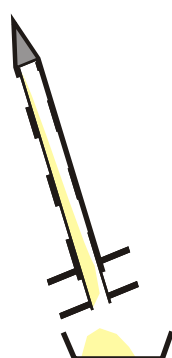
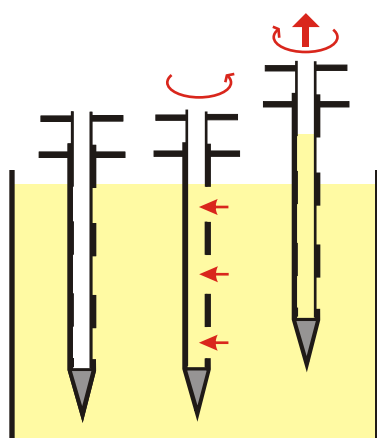
Type: Cross section (composite sample)

Material: 316 stainless steel, bright finish

General: Suitable for taking a large volume sample from a compacted powder



Above - The cutting scroll helps sampler go into product



Emptying from
standard sampler



Emptying from
sampler with a bottle
adaptor

Operation

1. Insert the sampler into the product
2. Turn the handle to open the slot - the product can now be collected in the central tube
3. Turn the handle to close the slot
4. Remove the sampler
5. Invert the sampler to discharge the sample



Part No.	Bottle Holder	Sampler Length	Number of slots	Maximum Sample volume
1216A-600	No	600mm	3	110ml
1216A-1000	No	1000mm	4	190ml
1216A-1500	No	1500mm	5	300ml
Cleaning brushes	Please see page 94 for more information			
Storage Cases	Please see page 95 for more information			
XRF Certification	Please see page 102 for more information			

For similar samplers without the cutting scroll see the Slot Sampler on pages 24 & 25

Powder Lance

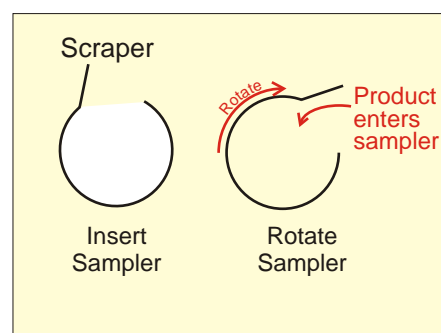
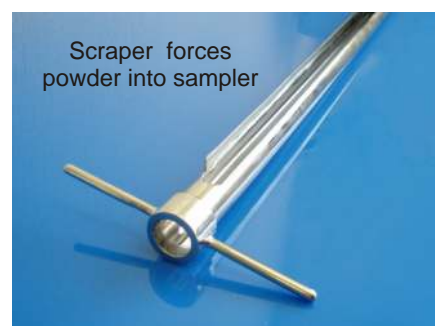
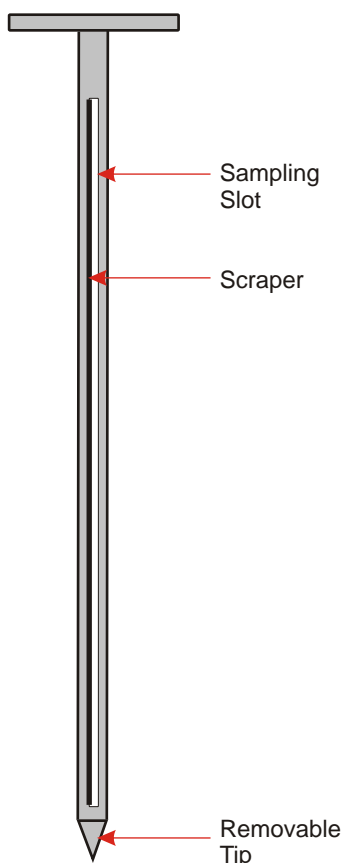
Cross Sectional Sampler for Cohesive Powders

The Powder Lance can be used to take large volume samples of cohesive powders. The sampler can be used horizontally through a sack or else it can be used vertically.

Type: Cross sectional sampler

Material: 316 stainless steel

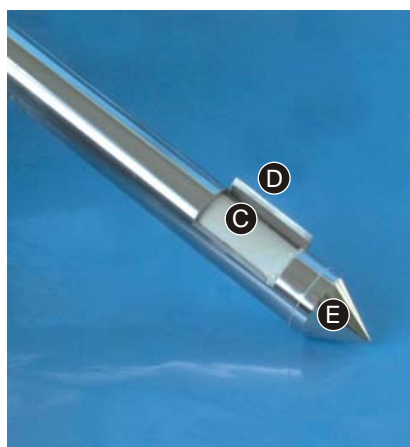
- Operation:
1. Insert the sampler into the product.
 2. Rotate the sampler through 360°. The Scraper forces the powder in to the sampler along the length of the slot.
 3. Remove the sampler.
 4. Unscrew the tip of the sampler.
 5. Push the Sample Ejection Rod into the Powder Lance to push out the sample



Part No.	Overall Sampler Length	Length of Sampling Slot	Max Sample Volume
Ⓐ 2250A-600	600mm	500mm	110ml
Ⓑ 2250A-1000	1000mm	900mm	190ml
2250A-2000	2000mm	1600mm	360ml
Ⓒ 8570A-700	Sample Ejection Rod - 316 stainless steel - 700mm length		
Ⓓ 8570A-1100	Sample Ejection Rod - 316 stainless steel - 1100mm length		
	Cleaning Brushes - see page 94		
	Sampler Cases - see page 95		
	XRF Certification - see page 102		

Cohesive Sampler

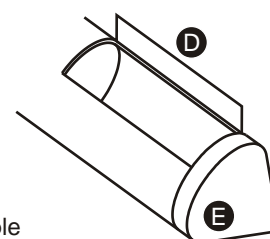
Single Point Sampler for Cohesive Powders



The Cohesive Sampler is able to take a sample from a known point within the product.

Type: Single Point

Material: 316 stainless steel



Ⓒ Sample

Ⓓ Scraper

Ⓔ Removable tip



Ⓐ Inner Tube

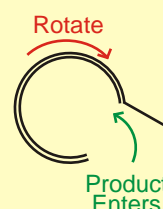
Ⓑ Outer Tube

Operation

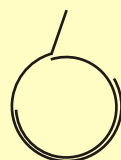
1. Insert sampler into product ensuring that the sample collecting chamber is in the closed position
2. At the correct sampling depth, turn the inner tube to expose the sample collecting chamber
3. Rotate the entire sampler through 360°. The scraper collects product and guides it into the sample collecting chamber.
4. Turn the inner tube to close the sample collecting chamber
5. Remove sampler
6. Pull out the inner tube and discharge the sample



Rotate the whole sampler to take the sample



Close the sampler and withdraw it from the product



Rotate the inner core to open the sampler



Part No.	Sample Volume	Sampler Length	Sampler Diameter
2015A-05	5ml	1000mm	25mm
2015A-10	10ml	1000mm	25mm
2015A-25	25ml	1000mm	25mm
Cleaning Brushes - see page 94			
Sampler Cases - see page 95			
XRF Certification - see page 102			
Tip2	Round tip (sampler supplied as standard with pointed tip)		
LUG-1	Weld earthing lug on to sampler		

Cohesive Pocket Sampler

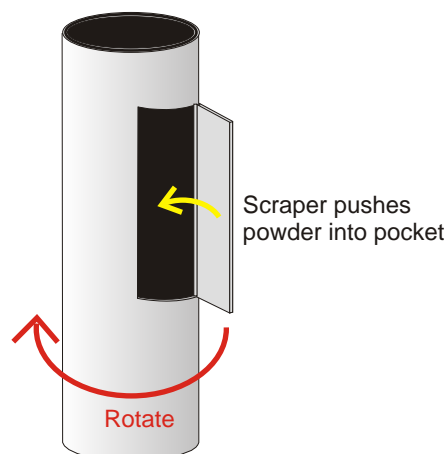
Zone sampling of Cohesive powders

The Cohesive Pocket Sampler has been specially adapted from the Pocket Sampler (on pages 26 to 27) to enable the taking of samples from damp and cohesive powders.

Scrapers have been added to push the sticky powder into the sample pockets. Scrapers are fully welded to give a hygienic, GMP correct sampler.

Type: Multilevel (discrete samples)

Material: 316 Stainless steel construction



Operation

1. Insert the sampler into the product
2. At the required depth rotate handle to expose the collecting pockets.
3. Rotate the sampler through 360° so the product is pushed into the collecting pockets
4. Rotate handle to close pockets and remove sampler.



Part No.	Outer Tube	Inner Rod	Number of Pockets	Nominal Volume of each Pocket	Sampler Length
2220B-600	316ss	316ss	3	15ml	600mm
2220B-900	316ss	316ss	3	20ml	900mm
2220B-1500	316ss	316ss	5	20ml	1500mm
Ancillaries	Cleaning Brush	See page 94			
	Sampler Case	See page 95			
	XRF Certification	See page 102			
	Tip2	Rounded tip (sampler supplied with pointed tip)			
	LUG-1	Weld Earthing lug on to sampler			

Soil Sampler Pro

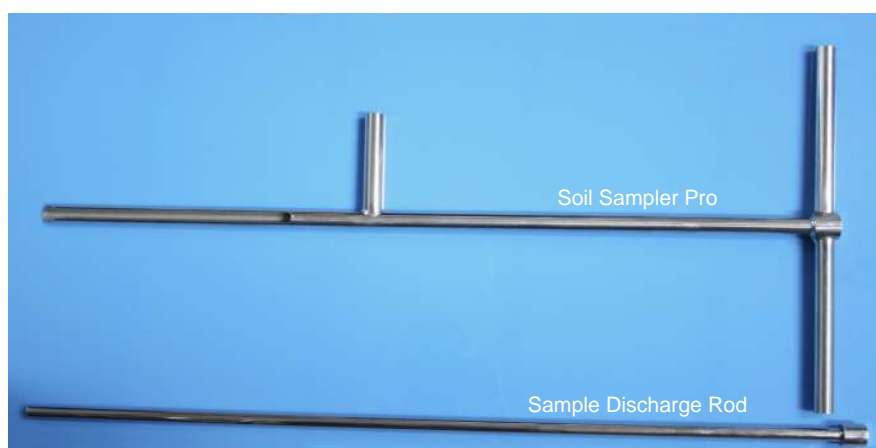
Cross Sectional Soil Sampler



The Soil Sampler Pro is ideal for a wide range of soil sampling environments. It is built from high quality 316 stainless steel and comes with a wide robust handle which makes sampling easier.

The sampler comes with an optional discharge rod to help push soil out of the sampler after use.

- Lawns, meadows, light to medium soils
- Cross sectional sample
- Max Sample Volume: 170ml (approx.)
- Manufactured from high quality 316 stainless steel which means it is suitable for the toughest environments (including salty seawater areas)
- Wide Handles provide extra leverage



Operation

1. Push the sampler into the product
2. Rotate handle
3. Remove sampler
4. Use discharge rod to push sample out



Part No.	Description	Overall Length	Material	Diameter
1620A-01	Soil Sampler Pro	1000mm	316 stainless steel	25mm
8570A-1100	Sample Discharge Rod	1100mm	316 stainless steel	20mm
8001A-1100	Cleaning Brush - length 1100mm			
XRF	XRF Certification - see page 102			

Free Etching Service

Sampling Systems offer a free of charge electro-chemical etching service on all new stainless steel equipment.

- GMP correct crevice-free etching technique
- Help prevent cross contamination by marking the equipment with the product it is to be used with
- Etch your department name on your equipment so it never gets taken again!!

Do your own etching:
see page 82 for the Etch-It Machine



Cement Sampler

Sampling of powders from tankers made simple



The lightweight cement sampler is the ideal choice when you are looking to take a sample throughout a tanker fast.

- Lightweight
- Easy to use
- Cross sectional sample
- Patented design
- 2m long

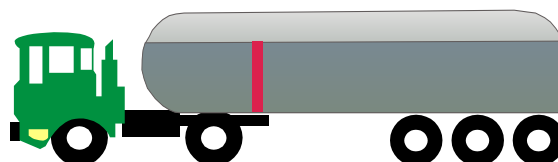


An average - from top to bottom

The Cement Sampler allows fast sampling from tankers etc.. It was designed for the cement industry but can be used on a wide range of free flowing powders .

The sample is a cross section through the tanker(from top to bottom). The sample size is approximately 8 litres from a bulk depth of 1.5 metres.

Easy handling: The open tube will penetrate the product to the desired depth. When retracting the patented valve is closed and the sample inside the tube can be withdrawn.



Application:

The cement sampler is suitable for free flowing powders with a bulk weight of approximately 1 kg/litre.



Part No.	Material of Construction	Outside Diameter	Weight	Sampler Volume	Sampler Length
1120A-01	PP	90mm	1.5Kg	8 litres	2000mm

Glove Box Sampler

A folding sampler for use in Glove Boxes



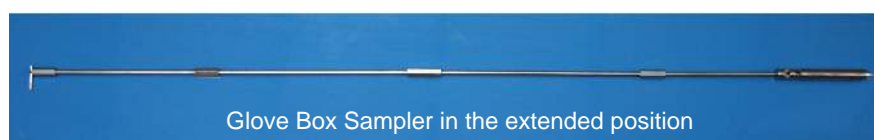
Sampling Systems have developed the Glove Box sampler with a famous Japanese pharmaceutical company. The device is designed so that it can be used within the confines of an isolator cabinet.

Key requirements for the sampler were:

- It must be able fit into a small transfer port
- It must be extendable up to 2m
- It must be able to have a series of attachments on the end for taking samples of liquids and powders

Key Features

- Available in 316 stainless steel or hastelloy
- Various heads can be attached to allow for liquid sampling, powder sampling, scraping etc....
- The sampler was designed so that it can easily be assembled by an operator wearing gloves



When folded the Glove Box Sampler is only 450mm long (smaller versions can be made - please ask for details)



Powder Sampling Head.

Range of sample volumes available: 5, 10 & 20ml

See page 35 for a description of this style of sampling tip.



Liquid Sampling Head.

Takes a sample from the bottom of the container



Part No.	Handle Length	Material
1045A-450	450mm long	316ss
1045A-900	800mm long (2 jointed sections of 450mm)	316ss
1045A-1350	1200mm long (3 jointed sections of 450mm)	316ss
1045A-1800	1600mm long (4 jointed sections of 450mm)	316ss
Attachments		
1045P-05	5ml Powder Sampling Head	316ss
1045P-10	10ml Powder Sampling Head	316ss
1045L-25	25ml Liquid Sampling Head	316ss
1045S-01	Scraper	316ss
XRF Certification	XRF certification (see page 102)	

Other attachments can be supplied. Please contact us with your requirements

Spiral Slot Sampler

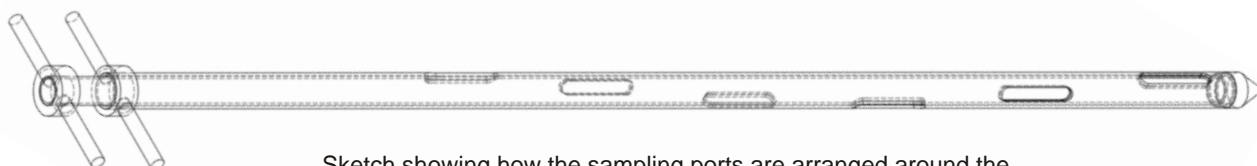
Representative Large Volume Sampler

New

The Spiral Slot Sampler allows large multilevel samples to be quickly and easily taken.

The sampler is designed so that the bottom slot opens first and the others open gradually up the length of the sampler. The slots are arranged so that the sample is taken from around the circumference of the sampler.

- Cross sectional sampler
- Representative sampling
- 316 stainless steel construction
- GMP correct design



Sketch showing how the sampling ports are arranged around the circumference of the sampler



Part No.	Sampler Length	Outer Diameter	Number of slots	Maximum Sample volume
1240A-300	300mm	25mm	3	50ml
1240A-1000	1000mm	25mm	6	190ml
1240A-2000	2000mm	25mm	5	390ml
Cleaning brushes	See page 94 for more information			
Storage Cases	See page 95 for more information			
XRF Certification	See page 102 for more information			

Single Use, Disposable Slot Sampler

see page 9



Made in a Clean Room - Individually Bagged - No Cleaning required - ATEX rated - Available pre-sterilised

FreeGlide®

The only In-Line Powder Sampler guaranteed not to jam



FreeGlide® samplers are available to suit different pipe diameters and can be either manually or pneumatically operated



The Challenge

Sampling Systems have spent many years developing the FreeGlide®. Our challenge was to design and build a device that overcame the problems associated with other in-line powder samplers:

- It must not jam during use
- It must not alter the physical characteristics of the powder being sampled
- The full bore of the pipe must be available for powder flow in between taking samples
- Must be GMP correct

Our Solution

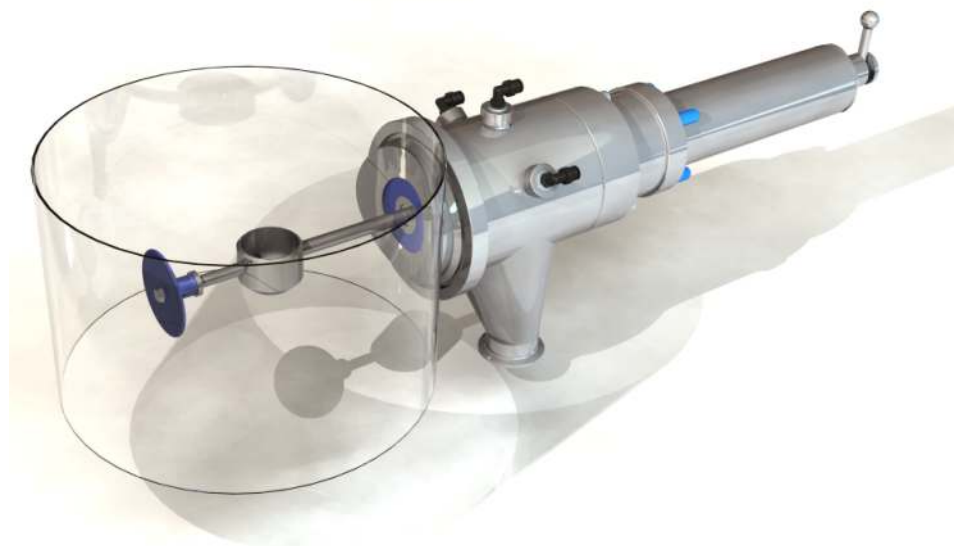
The FreeGlide® is the solution:

- The FreeGlide® is specially designed and engineered so that powder is kept out of the bearings by a special flexible membrane - this means the sampler will not jam
- The sample is collected in a cup and so is not physically altered by the sampling process
- When the sampling cup is retracted the full bore of the downpipe is available for powder flow
- The FreeGlide® is made from FDA acceptable materials and is easy to strip down for cleaning

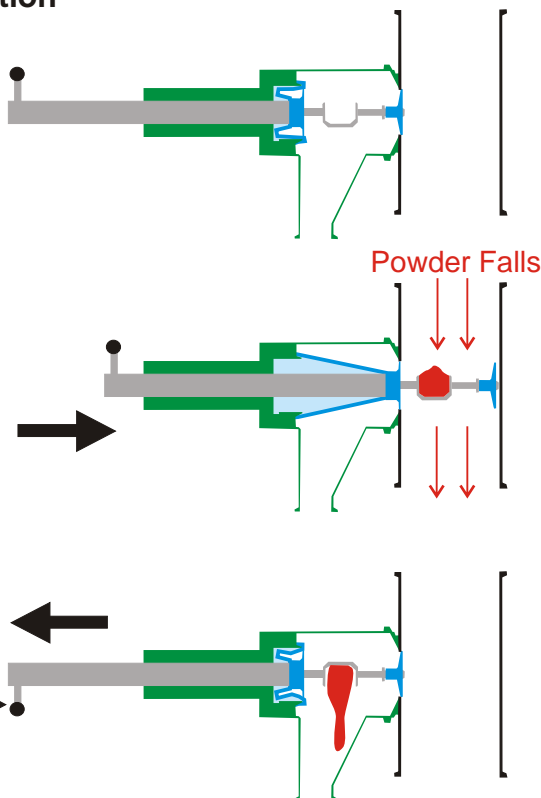
Patent Pending

FreeGlide® cont...

The FreeGlide® is the easy way to take samples from free-falling powders in downpipes



Operation



Resting -

When the FreeGlide® is not in use the full bore of the downpipe is available for powder flow.



Sampling -

The sampling cup is extended into the downpipe to catch the product as it falls.

Discharging -

The sampling cup is then retracted and inverted. The powder sample falls down the discharge chute to where it is collected

Materials of Construction

- Contact parts:**
- 316 stainless steel
 - PTFE
 - Silicone rubber, Viton or EPDM
 - Other materials on request
- Non contact parts:**
- 304 grade stainless steel
 - Other materials as required.
- Operation:**
- Manual or Pneumatic actuation
- ATEX**  
- ExII 2GD T4 (extra cost option)

Further Information

Contact Sampling Systems for further details about the FreeGlide or to request a copy of the FreeGlide® brochure.

Download this brochure at:
www.sampling.co.uk/download.html



Patent Pending

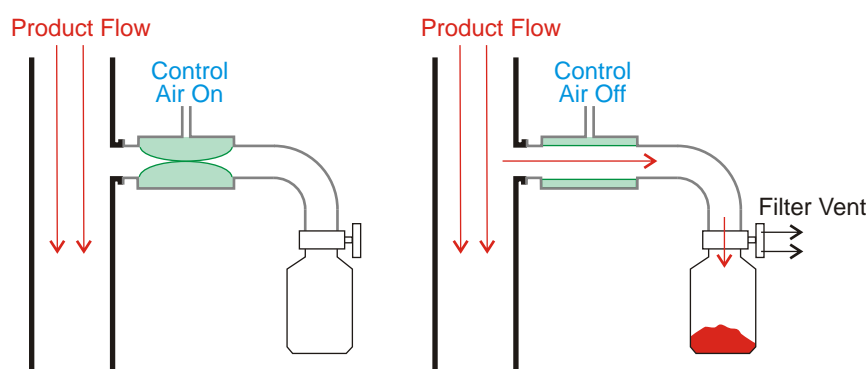
Pressure Sampler

In Line Sampler for Lines Under Pressure



The Pressure Sampler is ideal for sampling powder and granules from pneumatic conveying pipes or pressurised lines.

- Easy to install
- Low maintenance
- Hygienic powder sampler
- Representative sampler
- Maximum line pressure 3.5 bar



The Control Air activates the pinch valve and prevents product from being collected.

Turning off the Control Air allows the product to enter the collecting bottle. Excess pressure is vented through the filter.

Operation

- Attach sampler to pipework
- Attach air lines
- Operate sampler. Make sure that the sampler is not open for more than 1 - 2 seconds at any one time
- Typically 15 - 30 seconds intervals is set between sampling

Technical

Contact parts	316L stainless steel
Filter vent	PP with PTFE membrane
Pinch valve	Natural rubber. FDA and 3-A certified
Bottle Size	0.5, 1, 1.5, 2.5 and 4 litre manufactured from HDPE
Max Pressure	3.5 barg
Pneumatic Pipe Connection	6mm required at 6 barg pressure 1" tri ferrule

Important Note: This sampler is not suitable for use with vacuum transfer lines.



Part No.	Description
1067A-1000	Pressure Valve supplied with 1" Tri ferrule end connection
8135A-4000	Spare 4 litre bottle

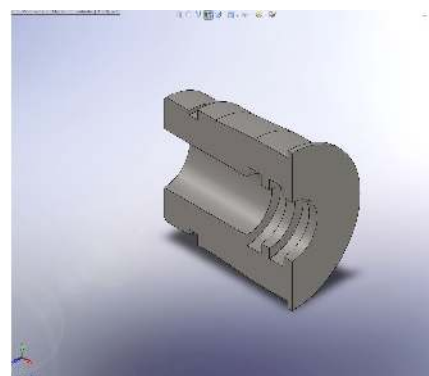
Special Samplers

Cost Effective Custom Design Service

After 20 years of designing and building custom made sampler, Sampling Systems have a wealth of experience. Many of the standard samplers in this brochure started off as special custom made devices for a specific customer.

Our in-house designers have a huge library of past samplers to work with and this knowledge base coupled with our original thinking enable us to solve most sampling problems.

Sampling Systems use the latest 3D modelling software to design samplers



Computer model of sampler component.

Custom Designs & Sizes

We have designed samplers for virtually every type of product imaginable.

We can make custom versions of our standard samplers. They can be longer, shorter, wider, thinner etc.



Special 3m long sampler for sampling a wet, paste using vacuum

Special Materials

Most of our samplers are manufactured from 316 stainless steel. We can also manufacture items from alloys such as Hastelloy C22, Inconel, Titanium etc.



FreeGlide® FG-1500M with product contact parts made from Hastelloy C22

Special Finishes

Some process require a special finish, please talk to us about your requirements. We regularly supply samplers that are mirror polished, satin polished, electropolished, pickled and passivated etc.



Electropolished slot sampler - this sampler was also a special length and had special slot sizes

If you do not see what you are looking for in this brochure please call us. We may have already designed and built a similar sampler.



MiniCorer

Suitability:	Ice, wax, cheese, greases
Material:	316 stainless steel
Operation:	Rotate the handle as the sampler is pushed into the product. A core of the product will be cut. Remove sampler.
Construction	High quality bright polish finish. Crevice free construction



Part No.	Description	Sampler Length	Maximum Sampler Diameter
7008A-01	MiniCorer	175mm	18mm
8505A-11	Storage Case		



Corer

Suitability:	Ice, wax, cheese, greases
Material:	316 stainless steel
Operation:	Push the Outer tube into the product. Use the Push Rod to eject the core of product from the Outer Tube
Construction	High quality bright polish finish. Crevice free construction



Part No.	Description	Sampler Length	Sampler Diameter
7009A-01	Corer	175mm	12mm
8505A-12	Storage Case		



MaxiCorer

Suitability:	Ice, wax, cheese, greases
Material:	316 stainless steel
Operation:	Rotate the handle as the sampler is pushed into the product. A core of the product will be cut. Remove sampler.
Construction	High quality bright polish finish. Crevice free construction



Part No.	Diameter	Overall Length	Scoop Length
7010A-01	25mm	300mm	200mm
7010A-02	25mm	600mm	500mm



Disposable ViscoThief

Single use Cream & Oil Sampler

Avoid time consuming cleaning with our disposable range of ViscoThief samplers. The Disposable ViscoThief is a single use sampler that is designed for use with viscous materials.

- Suitable for creams, pastes and gels
- 10mm sampling hole
- Fully welded construction (no adhesives or screws are used)
- Assembled in a medical clean room
- Each sampler is individually wrapped
- Made from HDPE (FDA acceptable grade conforms to CFR 177.1520)
- FDA acceptable silicone rubber is used for the piston seal - CFR 177.2600
- ATEX Rated for Zones 0,1 & 2 (contact Sampling Systems for full details)

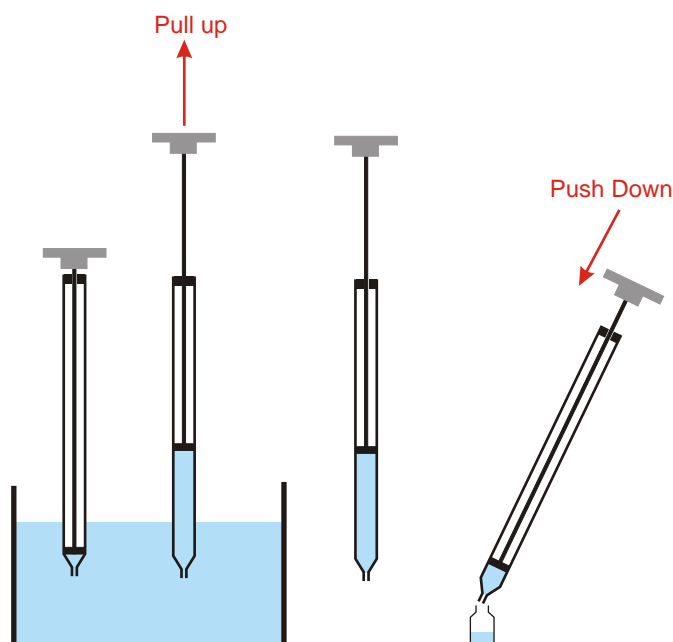


10mm
Sampling Hole



Operation:

1. Insert the sampler into the product
2. At the required depth pull up the handle. The sample will be drawn into the sampler
3. Withdraw sampler
4. Push down handle to expel the sample



SteriWare®     

Part No.	Sampler Length	Pre-Sterilised	Max. Sample Volume	Material	Outer Diameter	Quantity per Box
8055H-500	500mm	No	100ml	HDPE	21mm	20
8055H-500S	500mm	Yes	100ml	HDPE	21mm	20
8055H-1000	1000mm	No	190ml	HDPE	21mm	20
8055H-1000S	1000mm	Yes	190ml	HDPE	21mm	20

Viscous Sampler

Reusable Sampler for creams, pastes & gels,

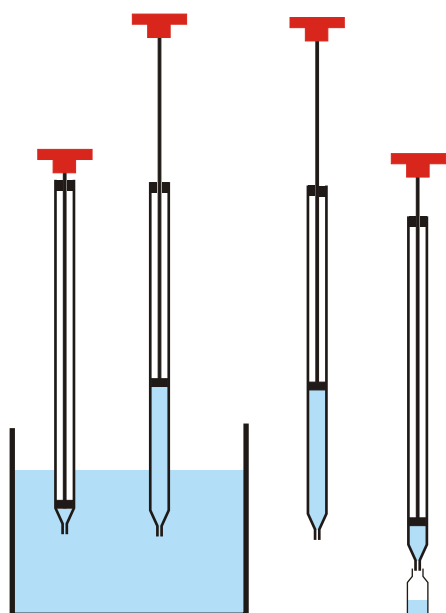
Ideal for sampling creams, shampoos, soaps, honey and other semi viscous materials. After sampling the sampler can be completely dismantled into its component parts for quick and thorough cleaning.

Suitability: Medium viscosity materials

Material: Food grade PTFE, Polypropylene (PP) or 316 stainless steel

Operation:

1. Insert the sampler into the product.
2. At the required depth pull handle to suck product into the sampler.
3. Remove the sampler from the product. Run the cleaning ring down the sampler to remove any product that adheres to the side of the sampler
4. Push down the handle to remove the sample



Note: For low viscosity liquids (eg. water) use the Liquid Master - see pages 60 & 61

Part No.	Length mm	Material of Construction	Max. Sample Volume	
7000S-600	600	316 stainless steel	160ml	<div>316ss✓</div> <div>GMP✓</div> <div>NEXT DAY DELIVERY</div>
7000S-1000	1000	316 stainless steel	300ml	
7000S-1500	1500	316 stainless steel	450ml	
7000P-600	600	PP	160ml	<div>GMP✓</div> <div>NEXT DAY DELIVERY</div>
7000P-1000	1000	PP	300ml	
7000P-2000	2000	PP	650ml	
7000T-600	600	PTFE	160ml	<div>GMP✓</div> <div>NEXT DAY DELIVERY</div>
7000T-1000	1000	PTFE	300ml	
7000T-2000	2000	PTFE	650ml	
Accessories				
Cleaning Brushes - see page 94				
Storage Cases - see page 95				
XRF Certification - see page 102 (stainless steel samplers only)				

For disposable Viscous Samplers please see page 17

Ice Sampler

Best Selling Ice Sampler



- Suitability:** Ice, wax and other similar materials
- Type:** Single Point
- Material:** 316 stainless steel
- Operation:** Rotate the handle as the sampler is pushed into the product. The scroll will cut into the product and the sample will be deposited in the sample collecting chamber. Removing the cylinder will allow the sample to be accessed.



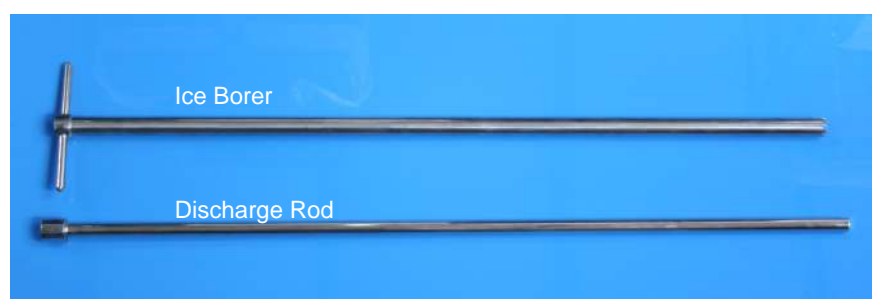
Part No.	Length	Sample Volume	Diameter of Sampling Head
6000A-300	300mm	50ml	40mm
6000A-550	550mm	50ml	40mm
6000A-1050	1050mm	50ml	40mm
Storage Cases - see page 95			
XRF Certification - see page 102			

Ice Borer

Robust, efficient Ice Sampler



- Suitability:** Ice, wax and other similar materials
- Material:** 316 stainless steel
- Operation:** Rotate the handle as the sampler is pushed into the product. The sharp edge will cut into the product and the sample core will be deposited in the tube
- Push the Discharge Rod down the Ice Borer to remove the sample.



Part No.	Description	Length	Outer Diameter
6005A-500	Ice Borer	500mm	25mm
6005A-1000	Ice Borer	1000mm	25mm
8570A-700	Sample Discharge Rod	700mm	18mm
8570A-1100	Sample Discharge Rod	1100mm	18mm
Cleaning Brushes - see page 94			
Storage Case - see page 95			
XRF Certification - see page 102			



Sharp
cutting tip of
Ice Borer

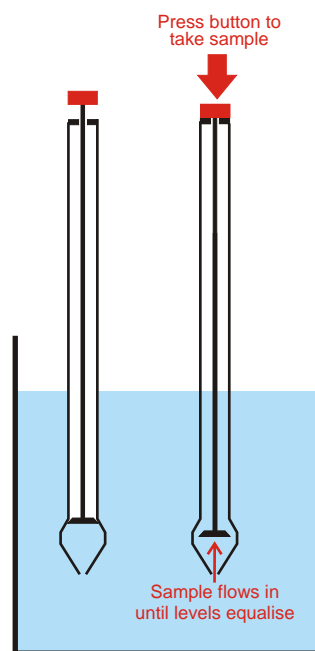


Liquid Master

Ideal for Sampling Various Liquids

The Liquid Master is ideal for taking samples from low and medium viscosity liquids. It is available in a range of lengths and diameters to give a range of sample volumes.

The Liquid Master is easy to use and is designed to be quickly stripped down for cleaning.



Type:

Single Point & Cross Sectional Sampling

Material:

316 stainless steel, Food grade PTFE or standard PP

Operation:

Technique 1 - Point Sampling

Insert the sampler. Press the push button to take sample. Remove the sampler.

Technique 2 - Cross Sectional

Press the Push Button and then slowly insert the sampler into the product. As the sampler is pushed in a cross sectional sample is taken. Release the push button at the required depth to stop any more liquid from entering the Sampler. Remove the sampler.

NB. To take a large sample the sampler needs to be inserted deep into the product.



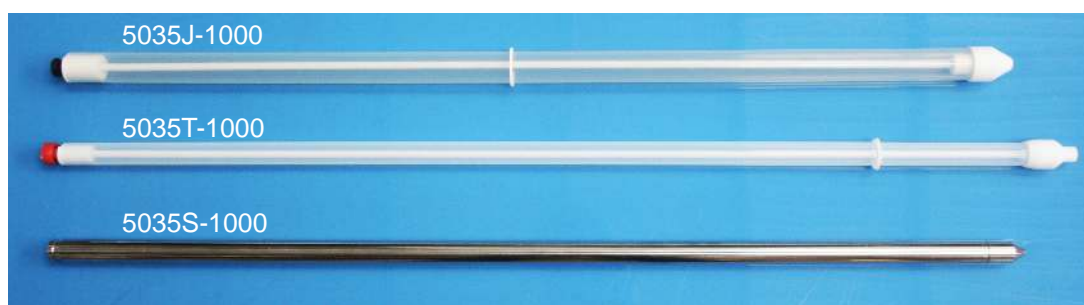
Sampler Tip
Seal arrangement prevents
sample from dripping



Push Button
Press to take sample



Quick & easy to use



Part No.	Product Contact Material	Length	Maximum Sample Volume	Diameter
5035J-1000	PTFE/MFA	1000mm	500ml*	35mm
5035J-1500	PTFE/MFA	1500mm	1000ml*	35mm
5035J-2000	PTFE/MFA	2000mm	1500ml*	35mm
5035S-600	316 stainless steel	600mm	150ml**	25mm
5035S-1000	316 stainless steel	1000mm	270ml**	25mm
5035S-1500	316 stainless steel	1500mm	420ml**	25mm
5035T-600	PTFE/FEP	600mm	150ml**	25mm
5035T-1000	PTFE/FEP	1000mm	270ml**	25mm
5035T-2000	PTFE/FEP	2000mm	420ml**	25mm
5035P-600	Polypropylene	600mm	150ml**	25mm
5035P-1000	Polypropylene	1000mm	270ml**	25mm
5035P-2000	Polypropylene	2000mm	420ml**	25mm

Cleaning Brushes - see page 94

Storage Cases - see page 95

XRF Certification - see page 102

*A 5ml sample will be taken for every 10mm the Liquid Master is inserted into the product

**A 3ml sample will be taken for every 10mm the Liquid Master is inserted into the product

Pump Sampler

Highly effective hand operated sample pump



Allows quick sampling of liquids. The chance of cross contamination is greatly reduced by using new tube and bottles for each sample.

Suitability: Low to medium viscosity liquids.

Type: Single Point

Material: PE, PTFE or 316L stainless steel

Operation:

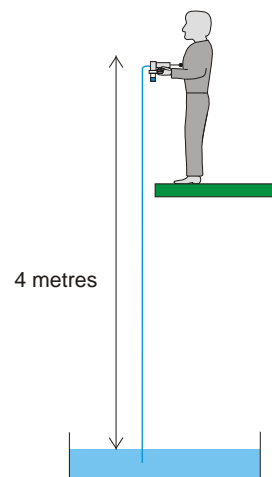
1. Cut the sampling tube to the required length.
2. Screw the collecting bottle to the base of the hand pump.
3. Insert one end of the sampling tube through the hand pump and into the collecting bottle.
4. Drop the other end of the sampling tube into the product. At the required depth pump the handle. Several pumps will fill the sample collecting bottle.



The pump is not a product contact part. Only the tube and collecting bottle come into contact with the product

Pump Efficiency

The Pump Sampler is highly efficient and is able to pump water to a height of about 4m



PTFE Sampler Set

Part No. 5020T-01



Set Includes

- 1 off plastic hand pump with PTFE bottle adapter
- 1 off PFA Bottle (180ml)
- 1 off Sampling Tube - PTFE - 5m
- 1 off Tube cutter
- 1 off Stainless steel hose weight
- 1 off Carrying case



Part No.	Description
5020T-01	PTFE Pump Sampler Set
Spares:	
5020A-09	Hand Pump - Plastic
5020A-11	Adapter for pump and PFA sample bottles (type 5020A-03 and 5020A-04)
5020T-5	Sampling Tube - PTFE - 5m
5020T-100	Sampling Tube - PTFE - 100m
5020T-100D	Sampling Tube - PTFE - 100m - with documentation package
5020A-07	Tube cutter
Bottles:	
5020A-03	Sample bottle - PFA - 90ml
5020A-04	Sample bottle - PFA - 180ml

Note: 5020T-100D includes certificate with FDA compliance, date of manufacture. Individually wrapped.

PE Sampler Set

Part No. 5020P-01

Set Includes:

- 1 off plastic hand pump with PE bottle adapter
- 10 off PE Bottles (100ml)
- 1 off Sampling Tube - PE - 10m
- 1 off Tube cutter
- 1 off Stainless steel hose weight
- 1 off Carrying case



Part No.	Description
5020P-01	PE Pump Sampler Set (see above for contents)
Spares:	
5020A-09	Hand Pump Plastic (without adapter)
5020A-10	Adapter for pump and PE sample bottles (type 8130A)
5020P-100	Sampling Tube - PE - 100m
5020A-07	Tube cutter
Bottles:	
8130A-100	Sample bottle - PE - 100ml
8130A-250	Sample bottle - PE - 250ml
8130A-500	Sample bottle - PE - 500ml
8130A-1000	Sample bottle - PE - 1000ml

Stainless Steel Sampler Set

Part No. 5020S-02

Set Includes

- 1 off stainless steel hand pump and stainless steel bottle adapter
- 10 off PE Bottles (100ml)
- 1 off Sampling Tube - PE - 10m
- 1 off Tube cutter
- 1 off Stainless steel hose weight
- 1 off Carrying case
- Made to order



Part No.	Description
5020S-02	Stainless Steel Pump Sampler Set
Spares:	
5020S-01	Hand Pump Stainless Steel
5020P-100	Sampling Tube - PE - 100m
5020A-07	Tube cutter
Bottles:	
8130A-100	Sample bottle - PE - 100ml
8130A-250	Sample bottle - PE - 250ml
8130A-500	Sample bottle - PE - 500ml
8130A-1000	Sample bottle - PE - 1000ml



Use Your Current Sample Collection Bottles

If you wish to use your own sample bottles then PTFE adapters are available for a wide variety of standard bottle neck sizes. However, if your bottle has an unusual thread we can make you a special PTFE adapter.

When ordering an adapter please post us one of your bottles.



Adapters are available from other materials.

If you do not know what type of thread you have send us one of your bottles and we will check

Bottle Sampler

Takes Samples Straight into the bottle

New



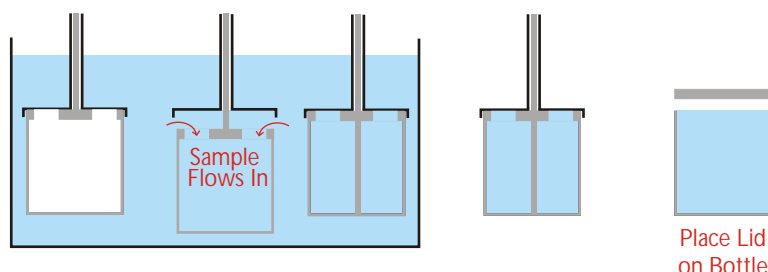
The Bottle Sampler takes samples straight into the bottle. The spring loaded mechanism means that liquid only flows in when the handle is squeezed allowing samples to be taken from set locations.

Suitability: Low to medium viscosity liquids. Ideal for low volume (unit dose) sampling.

Type: Single Point liquid sampling

Material: Sampler body - 316 stainless steel,
Bottle - toughened glass

General: Ideal for taking quick samples direct into the bottle. The sampler is available with a cover that goes over the bottle to stop the bottle from getting wet.



Bottle Sampler without Bottle Cover



Bottle Sampler with protective Bottle Cover



Right - Sampler with protective cover that also helps to keep the bottle dry during sampling



Part No.	Overall Length	Bottle Cover	Bottle Size
5031S-1000	1000mm	No	500ml
5031C-1000	1000mm	Yes	500ml
5031S-1500	1500mm	No	500ml
5031C-1500	1500mm	Yes	500ml
8001N-1100	Narrow cleaning brush - 1100mm		
5031B-500	Spare 500ml Bottle		
XRF Certification	See page 102		

Cup Sampler

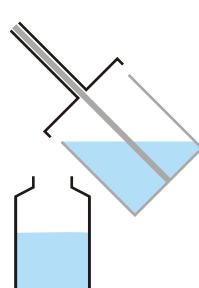
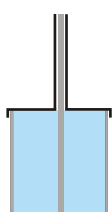
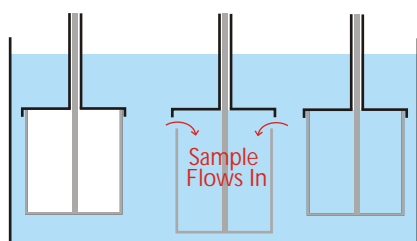
Suitable for high and low viscosity liquids and suspensions

The ever popular Cup Sampler is ideal for sampling liquids and suspensions. The device is manufactured from 316 stainless steel. The Cup Sampler enables discrete samples to be easily taken from known heights within the product.

Type: Single Point

Material: 316 stainless steel

- Operation
1. Insert the sampler to the required depth.
 2. Squeeze handle which pushes the cup away from the lid, allowing the liquid to enter the cup.
 3. After filling remove the sampler.
 4. To empty the sampler either tip the sampler whilst squeezing the handle or unscrew the collecting cup.



Part No.	Overall Length	Nominal Cup Volume	Max. Diameter of Cup
5030A-600	600mm	100ml	55mm
5030A-1000	1000mm	100ml	55mm
5030A-1500	1500mm	100ml	55mm
5030J-1000	1000mm	500ml	80mm
5030J-1500	1500mm	500ml	80mm
Accessories			
8001N-1100	Narrow Cleaning Brush - 1100mm		
8001N-1600	Narrow Cleaning Brush - 1600mm		
Storage Cases	See page 95		
XRF Certification	See page 102		

Utility Dipper

Simple Liquid Sampler

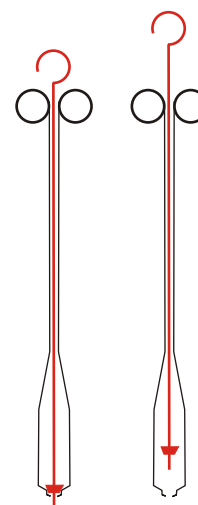


An all stainless steel sampler suitable for sampling liquids and suspensions.

Type: Single Point

Material: 304 Stainless steel

- Operation
1. Insert the sampler into the product. The liquid will flow into the sampler.
 2. Withdraw the sampler from the product
 3. Raise the centre control rod to discharge the sample



Raise the centre control rod (shown in red) to discharge the product

NEXT DAY
DELIVERY

Part No.	Overall Length	Nominal Cup Volume	Max. Diameter of Cup
5170A-50	460mm	50ml	32mm
5170A-100	540mm	100ml	32mm



Sample Bottles

Ideal for transporting liquid samples

See page 88 to 89 for further information

Chemical Resistance Chart
- see page 103

Multi Dipper 2

Multilevel Liquid Sampler

The Multi Dipper 2 is the ideal solution for taking liquid samples from different levels. The sample collection bottles remain closed until the operator uses the control chain to remove the stoppers.

Operation

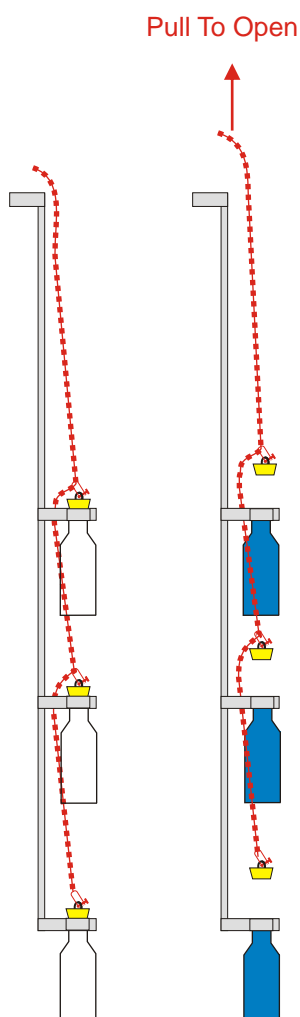
1. Screw the bottle into the holders
2. Insert the plugs into the tops of the sample bottles
3. Connect the Control Chain to the plugs
4. Insert the assembled sampler into the liquid to be sampled
5. Pull on the Control Chain to open the bottles
6. Remove from the liquid tank



High security stainless steel shackles are used to secure the plugs to the control chain

Product contact parts are:

- Sampler frame 316ss
- Control Chain 316ss
- Plugs 316ss
- Plug Shackles 316ss
- Sample Bottle HDPE



Part No.	Overall Length	Bottles
5045A-1000	1000mm	3 x 250ml included
5045A-1500	1500mm	3 x 250ml included
5045A-2000	2000mm	3 x 250ml included
8165A-250	Spare sample bottle - HDPE - 250ml	

Special sizes and designs are available on request



Need Help?

If you need help choosing a sampler please do not hesitate to contact us. We can point you in the right direction.

We can also design and manufacture special samplers when our standard range is not suitable.

U-D Doser

Accurate Unit Dose Sampling

Ideal for accurately sampling specific volumes of liquids. Designed specifically for unit dose sampling of liquids in the pharmaceutical industry.

Suitability: Low to medium viscosity liquids. Ideal for low volume (unit dose) sampling.

Type: Single Point - Unit Dose Sampling
- General liquid sampling

Material: Sampler body - 316 stainless steel,
Syringe - PP & PE

General: Sample Chamber is designed so that the outside of the syringe is not contaminated during sampling. The syringe can therefore be used as a carrying container for taking the sample back to the laboratory.

Operation



1. Select a new syringe



2. Connect the syringe to the push rod



3. Attach outer cover. The sampler is now ready for use.



4. Pull up handle to take the sample, the graduations allow an accurate sample to be taken

(A) Handle

(D) Sample Collecting Chamber

(B) Graduations

(E) Syringe Cover

(C) High polish finish



5ml Liquid Sampler		30ml Liquid Sampler		60ml Liquid Sampler	
Part No.	Length	Part No.	Length	Part No.	Length
5010A-600	600mm	5010B-600	600mm	5010C-600	600mm
5010A-1200	1200mm	5010B-1200	1200mm	5010C-1200	1200mm
5010A-1800	1800mm	5010B-1800	1800mm	5010C-1800	1800mm
Spare - 5ml syringes		Spare - 30ml syringes		Spare - 60ml syringes	
5010S-05	Pack of 100	5010S-30	Pack of 25	5010S-60	Pack of 25
Options					
Cleaning brushes		See page 94			
Storage cases		See page 95			
XRF Certification		See page 102			

Dippers

Ideal for use with a range of liquids

Dippers are quick and easy to use. They are ideal for obtaining a surface sample from a wide range of environments. Sampling Systems offers three types of dipper.

Stainless Dipper

GMP Correct Liquid Sampler

- 316 stainless steel construction
- Fully welded
- Satin finish



Part No.	Nominal Volume	Overall Length	Outside Cup Diameter
5005B-100	100ml	1000mm	50mm
5005B-250	250ml	1000mm	65mm
5005B-500	500ml	1000mm	90mm

Other handle lengths available on request



PTFE Dipper

Excellent Chemical Resistance - GMP correct

- PTFE product contact parts
- Screw-in extension rods to increase the length of the handle



Part No.	Nominal Volume	Cup Diameter	Handle
5100A-10	10ml	25mm	155mm long - fixed in place
5100A-100	100ml	55mm	600mm long - removable
5100A-250	250ml	70mm	600mm long - removable
5100A-500	500ml	80mm	600mm long - removable
5100A-1000	1000ml	105mm	600mm long - removable
5100E-600	Handle Extension rod - 600mm long (not suitable for use with 5100A-10)		



Chemical Dipper

Robust Polypropylene Dipper

- Ideal for general industrial applications
- Durable polypropylene construction



Part No.	Nominal Beaker Volume	Overall Length
5065F-250	250ml	1000mm
5065F-500	500ml	1000mm
5065F-1000	1000ml	1000mm



TeleScoop

The Extendable Sampler For Liquid Sampling



The TeleScoop is suitable for taking samples from liquids and suspensions.

A range of light weight, aluminum telescopic handles is available which makes this the ideal sampler to use when sampling from places such as: overhead gantries, river banks, water outlets etc.

The attachments are all interchangeable with the telescopic rods.

Attachments for telescopic rods



Angular Beaker 5056B

The beaker can be easily adjusted to the required angle



Stainless Beaker

5065B-1000B



Pendulum Beaker 5065C

Always swings to the upright position



Bottle Holder 5065D

Suitable for bottles up to 95mm diameter. Price includes one 750ml LDPE bottle



Surface Net 5065M

310 x 280mm
Mesh size 2 to 5mm

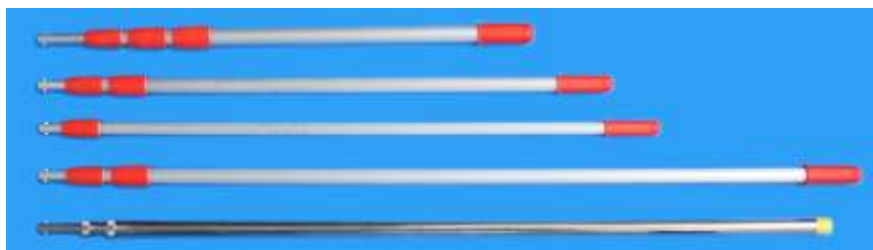


Deep Catch Net 5065N



190 x 430mm
Mesh size 2 to 5mm

Telescopic Rods


Easily adjustable to the required length.
Robust, light weight aluminium or
stainless steel construction.



TeleScoop Rods

Part No.	Description	Length	Material	
5065S-1500	Telescopic Rod	800 to 1500mm	316 stainless steel	  
5065S-3000	Telescopic Rod	1500 to 3000mm	316 stainless steel	
5065S-4500	Telescopic Rod	1500 to 4500mm	316 stainless steel	
5065A-1200	Telescopic Rod	600 to 1200mm	Aluminium & plastic	
5065A-2500	Telescopic Rod	1250 to 2500mm	Aluminium & plastic	
5065A-3000	Telescopic Rod	1000 to 3000mm	Aluminium & plastic	
5065A-4500	Telescopic Rod	1500 to 4500mm	Aluminium & plastic	
5065A-6000	Telescopic Rod	1500 to 6000mm	Aluminium & plastic	

TeleScoop Attachments & Spares

Part No.	Description	Volume	Material	
5065B-600	Angular Beaker	600ml	Polypropylene	
5065B-1000	Angular Beaker	1000ml	Polypropylene	
5065B-2000	Angular Beaker	2000ml	Polypropylene	
5065B-1000B	Angular Beaker	1000ml	304 Stainless Steel	
5065C-600	Pendulum Beaker	600ml	Polypropylene	
5065C-1000	Pendulum Beaker	1000ml	Polypropylene	
5065C-2000	Pendulum Beaker	2000ml	Polypropylene	
5065D-750	Bottle Holder	750ml	Polypropylene & Aluminium, LDPE bottle	
8125A-750	Spare Bottle	750ml	LDPE	
8125A-500	Spare Bottle	500ml	LDPE	
5065M-310	Surface Catch Net	310 x 280mm	Polypropylene & Polyamide	
5065N-190	Deep Catch Net	190 x 430mm	Polypropylene & Polyamide	

Environmental Sampling

We are constantly adding to our range of environmental sampling devices. The current range includes samplers for water and soil. If you do not see what you are looking for then please contact us with your requirements.



Sub Sampler Vario

Sub Sampler which is able to handle a range of bottle sizes

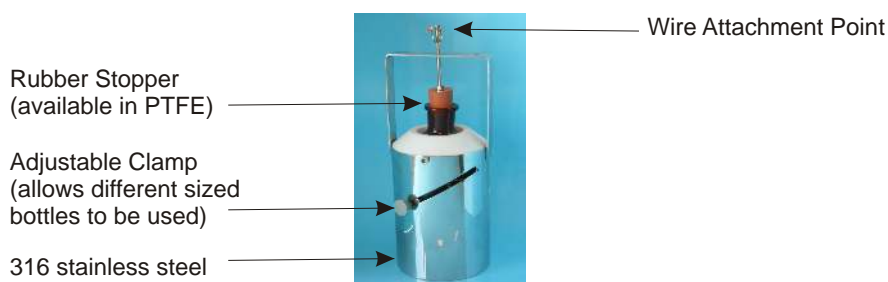


The Sub Sampler Vario is able to handle a range of bottle sizes.

Manufactured from 316 stainless steel and PTFE. As standard supplied with a rubber stopper. PTFE stopper available as an option.

Operation

Lower samplers into liquid. Pull reel to lift stopper. This allows liquid to flow into the glass bottle. Remove sampler and remove bottle.



Part No.	Description
5076A-1000	Sub Sampler Vario (please buy size bottle required)
5076B-500	500ml Glass Bottle
5076B-1000	1000ml Glass Bottle
5076P-500	PTFE Stopper for 500ml bottle (use only if our standard rubber bung is not suitable)
5076P-1000	PTFE Stopper for 1000ml bottle (use only if our standard rubber bung is not suitable)

See Page 73 for cables and reels

Sub Sampler

With Removable Glass Bottle



An ideal liquid sampler for most common liquids including water, oils, sludge etc.

- Manufactured from spark suppressant brass
- Bottle can be easily removed using patented click system
- 130mm diameter - 300mm high - 3 kg weight



Operation

Lower samplers into liquid. Pull reel to lift stopper. This allows liquid to flow into the glass bottle. Remove sampler and remove bottle.



Part No.	Volume	Material	Dimensions (Diameter x Height)
5073A-1000	1000ml	Nickel plated brass & glass	125 x 300mm

See page 73 for cables and reels

Sub Sampler Pro

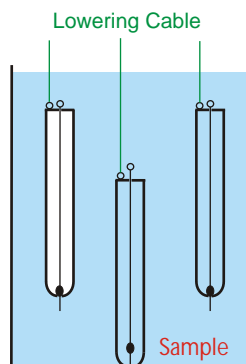
The Best Selling Heavy Duty Liquid Sampler

The Sub Sampler Pro (some times called a 'Bomb Sampler') is used throughout the world for both chemical and environmental sampling. Its unique double action means it can sample from a set distance from the bottom of a container or alternatively at a mid point in a container or well for example.

A. Sample from the bottom of a container

- Use a **Lowering Cable**

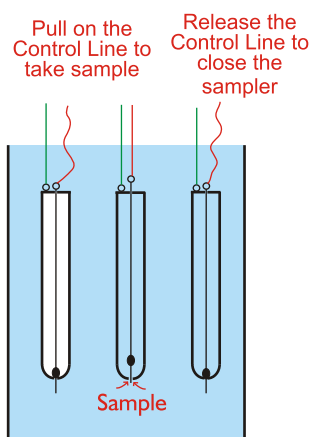
The Sub Sampler Pro is lowered until the plunger assembly touches the bottom of the container. As the plunger assembly is pushed up the sample is able to enter the device. When the sampler is raised the plunger will drop down and seal the sampler.



B. Mid-height Sampling

- Use a **Lowering Cable** and a **Control Line**

Lower the Sub Sampler Pro into the liquid. At the required sampling depth pull on the control line to raise the plunger. This will allow the liquid to enter the sampler. Release the control line and the plunger will drop down and seal the



NEXT DAY
DELIVERY

Part No.	Nominal Volume	Material	Dimensions (diameter x length)	Ex Rated
① 5072A-500	500ml	Nickel plated brass	57 x 430mm	Yes (use correct reel & Cable)
② 5072B-500	500ml	316 Stainless steel	63 x 280mm	No

Don't forget to order your Hand Reel and Cable - see below

Hand Reel & Cables

Hand reels and cables are essential accessories when using Bomb Samplers. The standard heavy duty hand reel is suitable for most situations. However if you are using the sampler in an Ex rated environment use the Hand Reel Ex with the copper cables.

NEXT DAY
DELIVERY

Part No.	Description
5070D-04	Standard Heavy Duty Hand Reel - made from PP
5070D-05	Ex Hand Reel - for Ex use rated environments. Made from conductive plastic. Supplied with earthing leads and clip. Use with copper cable
5070D-10	Cable - PTFE coated stainless. 10m
5070D-25	Cable - PTFE coated stainless. 25m
5070D-50	Cable - PTFE coated stainless. 50m
5070P-10	Cable - Polypropylene - 10m
5070P-25	Cable - Polypropylene - 25m
5070P-50	Cable - Polypropylene - 50m
5070C-10	Cable - Copper. 10m
5070C-25	Cable - Copper. 25m
5070C-50	Cable - Copper. 50m



Left: Ex Hand Reel (black) complete with earthing leads
Right: Standard Reel (green)

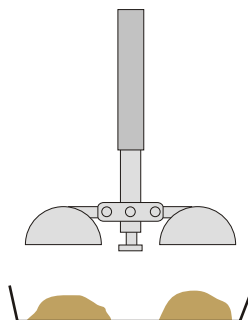
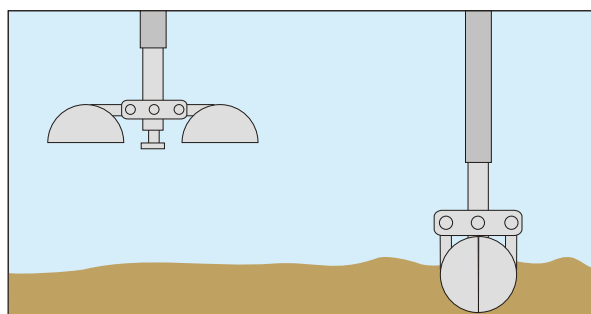
New

Snapper

Snaps Shut to Capture Sediment & Sludge

The Snapper has been specially designed to take samples of sediment and sludge in rivers, wells, tanks etc.

- Simple to use
- Holds approximately 250ml
- Auto snaps shut on contact with the sediment
- Spring loaded mechanism
- Use with the telescopic pole that extends up to 4.5m



PLEASE CHECK
DELIVERY

Part No.	Description
5061A-250	Snapper - 250ml sample volume
5061T-4500	Telescopic rod. Extends up to 4.5m

All Layer Sub Sampler

True Cross Sectional Liquid Sampling

The All Layer Sub Sampler has been specially designed to take a true cross sectional sample as it is lowered through a liquid.

- Manufactured from nickel plated brass, stainless steel and aluminium
- Ideal for most liquids
- Simply lower to take sample
- Valves close automatically when sampler is raised
- Decanting the sampler is easy with the special funnel supplied with the device.
- Sample volume 1000ml

PLEASE CHECK
DELIVERY

Part No.	Description
5062A-1000	All Layer Sub Sampler - 1000ml
5070D-04	Standard Heavy Duty Hand reel
5070D-10	Cable - PTFE coated stainless. 10m


New

Disposable LiquiThief

Single Use Liquid Sampler

- Ideal for sampling low viscosity liquids and oils
- Fully welded construction (no adhesives or screws are used)
- Assembled in a medical clean room
- Each sampler is individually wrapped
- Made from HDPE (FDA acceptable grade conforms to CFR 177.1520)
- FDA acceptable silicone rubber is used for the piston seal - CFR 177.2600
- ATEX Rated for Zones 0,1 & 2 (contact Sampling Systems for full details)



SteriWare®     

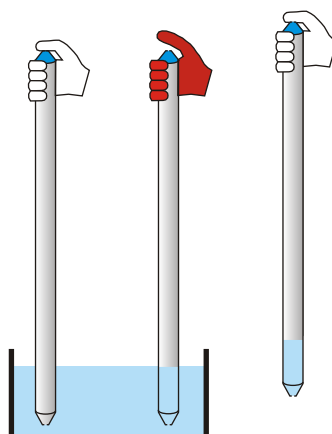
Part No.	Sampler Length	Pre-Sterilised	Max. Sample Volume	Material	Outer Diameter	Quantity per box
8050H-500	500mm	No	100ml	HDPE	21mm	20
8050H-1000	1000mm	No	190ml	HDPE	21mm	20
8050H-500S	500mm	Yes	100ml	HDPE	21mm	20
8050H-1000S	1000mm	Yes	190ml	HDPE	21mm	20
8050P-500	500mm	No	100ml	PP	21mm	20
8050P-1000	1000mm	No	190ml	PP	21mm	20

Jumbo Pipettes

Low Cost Disposable Liquid Samplers

The Jumbo Pipette is both quick and easy to use. It is ideal for taking samples from low viscosity liquids. The Jumbo Pipette is part of our range of SteriWare®, see page 3 for details.

- Simple to use
- Two convenient lengths
- Individually wrapped
- Assembled in a medical cleanroom
- Available pre-sterilised
- Made from HDPE (FDA acceptable grade conforms to CFR 177.1520)
- ATEX rated for Zones 0, 1 & 2 (contact Sampling Systems for full details)



SteriWare®     

Part No.	Overall Length	Overall Diameter	Internal Diameter	Pre-Sterilised	Material	Max. sample Volume*	Quantity per Box
8051H-450	450mm	21mm	17mm	No	HDPE	80ml*	50
8051H-450S	450mm	21mm	17mm	Yes	HDPE	80ml*	50
8051H-900	900mm	21mm	17mm	No	HDPE	180ml*	50
8051H-900S	900mm	21mm	17mm	Yes	HDPE	180ml*	50

Easy Pumps

Economical and versatile pumps



The Easy Pump Range is ideal for many laboratory applications where small to medium quantities of liquid need to be pumped. Easy pumps are available either hand or foot operated.

Each pump is supplied with a Universal Bung - this allows the pump to be used with any container which has a round opening between 30 and 70mm.

These pumps are designed to be easy to install, easy to use and easy to clean.

Hand Operated Easy Pumps



Part No.	Tube Diameter	Maximum Length of Dip Tube	Tube Material	Capacity
5056A-18	18mm	700mm	Rigid PP	26L/min
5056A-12	12mm	700mm	Rigid PP	14L/min
5056B-16	16mm	700mm	Rigid PVDF	20L/min

Every EasiPump is supplied with a Universal Bung - for use with openings 30 to 70mm in diameter

Foot Operated Easy Pumps



Part No.	Tube Diameter	Maximum Length of Dip Tube	Dip Tube & Delivery Tube Material	Capacity
5058A-22	22mm	900mm	Rigid PP	30L/min
5058B-16	16mm	700mm	Rigid PVDF	20L/min
5058C-18	18mm	900mm	304 Stainless steel	26L/min

Every EasiPump is supplied with a Universal Bung - for use with openings 30 to 70mm in diameter

Stainless Pump

Stainless Barrel Pumps are ideal for quickly and easily transferring large volumes. The product contact parts of the pump are stainless steel (304 grade) and PTFE (for the piston gasket).

The Stainless Pump is ideal for hygienic applications.

Two Styles of Stainless Pump

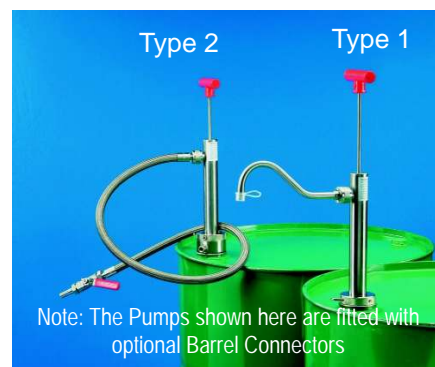
Type 1 - Pump has a rigid stainless steel delivery tube

Type 2 - Pump has a flexible PTFE lined hose complete with a ball valve



Type 1	Type 2	Max. Submersible Length	Overall Length	Capacity
Part No.	Part No.			
5900A-475	5900B-475	360mm	475mm	220ml/stroke
5900A-685	5900B-685	570mm	685mm	350ml/stroke
5900A-1030	5900B-1030	910mm	1030mm	560ml/stroke
Anti-Static Set		Part No.: 8200A-05		

Note: Don't forget to order a suitable pump connector - see below



Use the Anti-Static Set to ensure that the pump is properly earthed when working with flammable liquids.

PP Barrel Pump

PP Barrel Pumps are ideal for quickly and easily transferring large volumes.

Two styles of delivery pipe are available:

- **Type 1** with a rigid polypropylene delivery tube

- **Type 2** with a flexible PVC discharge tube (complete with stopcock)



Type 1	Type 2	Max. Submersible Length	Overall Length	Capacity
Part No.	Part No.			
5900A-01	5900B-01	500mm	595mm	200ml/stroke
5900A-02	5900B-02	650mm	740mm	230ml/stroke
5900A-03	5900B-03	800mm	895mm	260ml/stroke
5900A-04	5900B-04	1000mm	1090mm	300ml/stroke

Note: Don't forget to order a suitable pump connector - see below



Pump Connectors



Brass Connector - R2" Internal Barrel Thread
Suitable for Stainless Barrel Pump
Part No. 8200S-01



PVC Bung - for 40 to 70mm openings
Suitable for either PP or Stainless Barrel Pumps
(only suitable for non flammable liquids)
Part No. 8200P-02



Gas Tight Barrel Connector - R2" Internal Barrel Thread
& non-return valve with 1/8" thread
Suitable for Stainless Barrel Pump
Part No. 8200S-02



Tri-sure Internal Coarse Thread
Part No. 8200P-04



R2" Internal Steel Barrel Thread
Part No. 8200P-01



Mauser 2" Thread
Part No. 8200P-03

Part No.	Description	Suitable for Stainless Pump	Suitable for PP Pump
8200S-01	Brass Connector. R2"	Yes	No
8200S-02	Gas Tight Connector. R2"	Yes	No
8200P-02	PVC bung	Yes	Yes
8200P-01	PP Connector. R2".	Yes	Yes
8200P-03	PP Connector. Mauser 2"	Yes	Yes
8200P-04	PP Connector. Tri sure	Yes	Yes



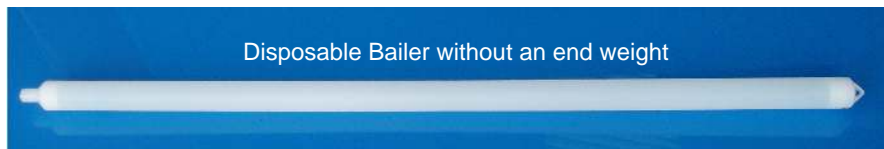
Disposable Bailer

Popular For Environmental Sampling



The sampler can either be manually pushed into the liquid being sampled or else it can be lowered on the end of a wire. Ideal for sampling from storage silos or well sampling.

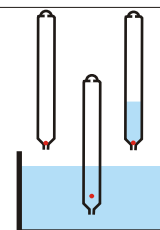
For viscous materials use the bailer fitted with an end weight (Part No. 5040W-1000)



The plastic ball in the end of the sampler is pushed out of the way when the sampler is lowered into the product.

When the sampler is removed the plastic ball seals the sampler.

Note: This sampler is not suitable for high density liquids



Part No.	Nominal Volume	Weighted End	Material	Length	Diameter	Quantity per Box
5040A-1000	1000ml	No	HDPE	950mm	40mm	24
5040W-1000	1000ml	Yes	HDPE	950mm	40mm	24

Cables

5070D-10	Cable - PTFE coated stainless steel - 10m
5070D-25	Cable - PTFE coated stainless steel - 25m
5070D-50	Cable - PTFE coated stainless steel - 50m
5070D-04	Hand spool - see page 73

Road Tanker Sampling Valve

Safety Sampling Valve

New



Valve Outlet Types

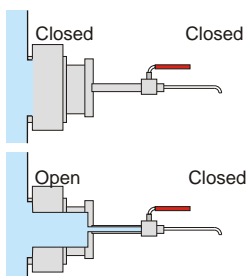
Standard Outlet Valve is ½" nominal bore with screwed connections

Firesafe Outlet Valve is ½" nominal bore with welded connections

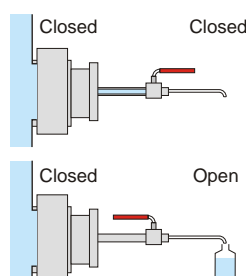
The Road Tanker Sampling Valve is designed to allow road tankers to be safely sampled before the tank is discharged.



Operation



1. Connect the Road Tanker Sampling Valve to the main discharge valve on the road tanker.
2. Ensure that the Sampling Valve is in the closed position, then open the main discharge valve



3. Close the main discharge valve
4. Open the sampling valve and collect the sample



Part No.	Tanker Connection	Outlet Valve Type	Main Gasket Material
5740A-1	2½" BSP	Standard	Hard Leather
5740A-2	2½" BSP	Firesafe	Hard Leather
5740A-3	3" BSP	Standard	Hard Leather
5740A-4	3" BSP	Firesafe	Hard Leather
5740P-1	2½" BSP	Standard	PTFE
5740P-2	2½" BSP	Firesafe	PTFE
5740P-3	3" BSP	Standard	PTFE
5740P-4	3" BSP	Firesafe	PTFE



Sieve-It Test Sieves

Robust Sieve Shakers for particle size analysis



High Quality test sieves for accurate and efficient particle size analysis.

- Woven wire mesh sieves
- Construction: All stainless steel or brass frame and stainless steel mesh
- Range of aperture sizes available (4mm to 20 microns)
- Certificate of Conformity with each sieve
- Other styles of sieve available on request (Perforated Plate Sieves, Microplate Sieves, Grain sieves etc)
- Test sieves manufactured to every major International standard (inc. ISO, BSI, & ASTM)

Sieve Height

The standard height for a 200mm diameter sieve is 50mm. Half height sieves are available - ask for details.

Other diameter sieves have different heights - ask for details



Every sieve is supplied with a Certificate of Conformity.
Other sieve diameters available on request

200mm Diameter Test Sieves



All Stainless Steel		Brass Frame & Stainless Mesh	
Part No.	Aperture	Part No.	Aperture
8700S-01	4mm	8700B-01	4mm
8700S-02	2mm	8700B-02	2mm
8700S-03	1mm	8700B-03	1mm
8700S-04	850 microns	8700B-04	850 microns
8700S-05	700 microns	8700B-05	700 microns
8700S-06	600 microns	8700B-06	600 microns
8700S-07	500 microns	8700B-07	500 microns
8700S-08	425 microns	8700B-08	425 microns
8700S-09	300 microns	8700B-09	300 microns
8700S-10	250 microns	8700B-10	250 microns
8700S-11	180 microns	8700B-11	180 microns
8700S-12	150 microns	8700B-12	150 microns
8700S-13	125 microns	8700B-13	125 microns
8700S-14	106 microns	8700B-14	106 microns
8700S-15	90 microns	8700B-15	90 microns
8700S-16	75 microns	8700B-16	75 microns
8700S-17	53 microns	8700B-17	53 microns
8700S-18	32 microns	8700B-18	32 microns
8700S-19	25 microns	8700B-19	25 microns
8700S-20	20 microns	8700B-20	20 microns

Sieve Shakers

High performance test sieve shaker offering excellent operator control for maximum efficiency.

- Efficient, reproducible sieving action
- Quick release clamping system
- Power supply: 230v 50Hz or 110v 60Hz
Other voltages & frequencies on request
- Digital timer. Vibration amplitude control
- Continuous or intermittent operation
- Low noise during operation. Anti-vibration mountings
- Accommodates up to 8 full height sieves
- CE marked

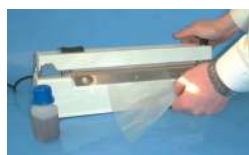
Various models available contact us for details



Seal-It

The Seal-It Impulse Bag Sealer is a quick, easy and clean way to seal your samplers and equipment in plastic lay flat tubing.

- Ensure clean samplers remain clean until they are required for use.
- Seal used samplers so they do not contaminate clean areas on their way to the wash area
- Ensure the integrity of your samples - samples that are sealed in a bag can not be contaminated or adulterated on their way to the testing laboratory.



Cut the lay-flat tubing to length & seal one end



Place the item to be sealed in the bag



Seal the open end of the bag



Label the bag with a UA Label (see page 86)



Items secured and ready for storage



Part No.	Description
6060A-200	Impulse Bag Sealer - 230v 50Hz - 200mm sealing surface
6060A-300	Impulse Bag Sealer - 230v 50Hz - 300mm sealing surface

Part No.	Description	Material	Width	Length	Rolls per case
6060B-75	Layflat Tubing	Polyethylene	75mm	150m	4
6060B-100	Layflat Tubing	Polyethylene	100mm	150m	3
6060B-150	Layflat Tubing	Polyethylene	150mm	150m	2
6060B-300	Layflat Tubing	Polyethylene	300mm	150m	1

Blend-It Sample Blender

The Blend-It LC005 sample blender is ideal for blending composite samples prior to analysis.

The LC005 is not only rugged and simple to use but it will allow samples to be prepared under standard repeatable conditions.

The Blend-It can also be used for small scale manufacturing.

- Efficient asymmetric blending action
- Complete with adjustable drum clamp (for drums 1 to 5 litres)
- Speed fixed at 28 r.p.m.
- Timer - Range 0 to 30 minutes
- Requires 230v 50Hz supply - (other voltages on request)
- Easily portable - weight 12kgs
- CE Mark



Blend-It LC005 with a 1litre Mini-Drum

The adjustable clamp allows various container from 1 to 5 litres to be fitted



Part No.	Description
8750L-01	Blend-It Sample Blender with drum clamp (clamp suitable for all mini-drums from 1 to 5 litres)
8750D-01	Mini-drum - 1 litre - 316L stainless steel - silicone 'O' ring seal - 3 toggle clamps
8750D-02	Mini-drum - 2 litres - 316L stainless steel - silicone 'O' ring seal - 3 toggle clamps
8750D-03	Mini-drum - 3 litres - 316L stainless steel - silicone 'O' ring seal - 3 toggle clamps
8750D-04	Mini-drum - 4 litres - 316L stainless steel - silicone 'O' ring seal - 3 toggle clamps
8750D-05	Mini-drum - 5 litres - 316L stainless steel - silicone 'O' ring seal - 3 toggle clamps
Please contact us for prices on other containers, options etc.	

Note: The volume being blended must not exceed two thirds of the total container volume

Etch-It™

Crevice Free GMP Marking System



Sampling Systems' Etch-It system is the ideal way to permanently mark both stainless steel and aluminium.

Hygienic, GMP correct, crevice free etchings can be done in seconds.

Etching Masks and Etching Paper

An Etching Mask is required as a template for your text.

Etching Masks can be quickly and easily made using the Etch-It printer. These masks can be used up to two or three times.

1. Make an Etching Mask



Produce your own etching masks quickly and easily. Simply type the text you require and print it straight on to the etching paper. The etching paper is supplied in a special cassette

- Range of font types and sizes
- Quick and easy to use
- Etching paper supplied in an easy to load cassette
- Requires 230v 50Hz electrical supply or 8 x Batteries Size AA (R6) - not supplied

2. Etch



1. Plug In the leads



2. Attach Lead on item that is to be etched



3. Place the Etching Mask and apply the etching fluid using the Electrolyte Applicator



4. Clean etching area thoroughly using demineralised water



Part No.	Description
8096A-1	Etch-It Starter Kit containing: 1 x Etch-It power unit (requires 230v 50Hz) 1 x Cassette of etching paper (3m paper per cassette) 1 x Bottle of etching fluid - 1000ml 1 x Set of leads for attaching to equipment to be etched 1 x Electrolyte Applicator 1 x Etch-It printer (requires 230v 50Hz or 8 Batteries size AA (R6) - not supplied)
Consumables:	
8096A-2	Cassette of etching paper (3m paper per cassette)
8096A-3	Bottle of etching fluid - 1000ml
Please contact us for special custom made, high quality Etching Masks that can be repeatedly used.	

TeleSwab

Telescopic Swabbing Tool

Taking swabs from high and difficult to reach places has always been a problem. The TeleSwab with its extendable handle overcomes these problems and allows operators to quickly and easily take swabs from previously inaccessible places.

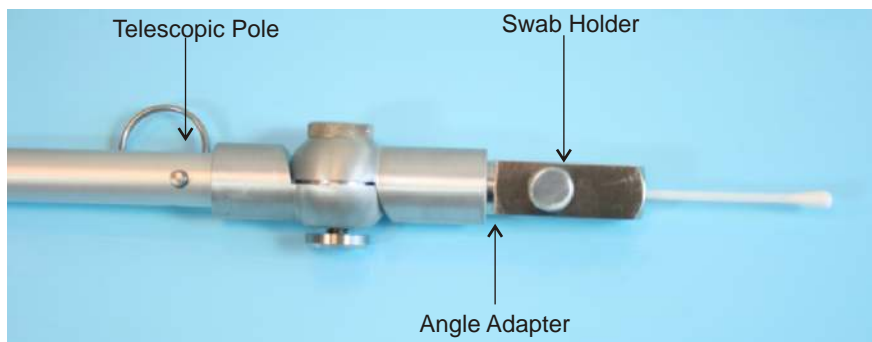
Ideal for environmental swabbing and for use with large items of processing equipment.

The sampler comes complete with an extendable handle that can be extended to the correct length for easy swabbing. An adjustable adapter allows the swabs etc. to be angled to meet the contours of the item being sampled.

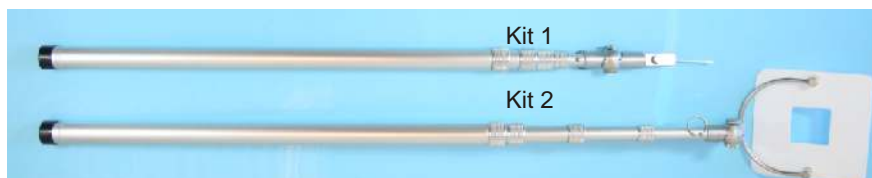
The TeleSwab is ideal for swabbing difficult to reach locations



The PTFE Template tool allows a fixed area to be swabbed.
Note: Make sure that you include the hole dimensions at the time of ordering.



Cloth Swab Holder



The TeleSwab Pole can be extended up to 3m. Different attachments can be attached to the telescopic rods

What do I need?

Two kits are available, each kit contains:

Kit 1 - Part No. 8011K-01

- 1x Telescopic Pole (8011A-3)
- 1x Angle Adapter (8011A-5)
- 1x Swab Holder (8011A-4B)

Kit 2 - Part No. 8011K-02

- 1x Telescopic Pole (8011A-3)
- 1x Template holder (8011A-6)
- 1 x Swabbing Template (8011A-7) - hole cut to customer's requirements



Part No.	Description
8011K-01	Kit 1 - Extendable TeleSwab Pole with swab holder (Note: swabs are not included)
8011K-02	Kit 2 - Extendable TeleSwab Pole with swabbing template
Spares	
8011A-4B	Universal Swab Holder - 316 stainless steel construction
8011A-5	Adjustable angle adapter to hold Swab Holder - aluminium
8011A-6	Template holder - stainless steel
8011A-7	Swabbing Template - PTFE - hole cut to customer's requirements
8011A-12	Wrist Band
8011A-13	Cloth swab holder
8505A-01	Storage Case

Other types of swab holders and accessories are available. Please contact us for details.

Square Scoops



- Heavy duty construction
- 316 stainless steel
- Crevice free
- Radiused corners for easy cleaning
- Satin Finish

316ss ✓ GMP ✓ NEXT DAY DELIVERY

Part No.	Nominal Capacity	Body Width	Body Length	Overall Length
A366-1	1.5 litres	160mm	190mm	315mm

PTFE Scoops



- Crevice free
- PTFE construction (FDA and USP Class VI)
- Radiused corners for easy cleaning
- GMP correct

GMP ✓ NEXT DAY DELIVERY

Part No.	Nominal Capacity	Body Diameter	Body Length	Overall Length
A333-100	100ml	60mm	100mm	195mm
A333-500	200ml	100mm	160mm	255mm

Long Handled Scoops



- Extra Long handle
- Crevice free
- 316 stainless steel construction
- Radiused corners for easy cleaning
- GMP correct

316ss ✓ GMP ✓ NEXT DAY DELIVERY

Part No.	Nominal Capacity	Body Diameter	Body Length	Handle Length
A396-1000	1000ml	110mm	235mm	600mm

Industrial Scoops

New



- Stainless steel construction
- Round bottom
- Crevice free
- Satin finish
- Ideal for general industrial use

NEXT DAY DELIVERY

Part No.	Nominal Volume	Body Diameter	Body Length	Overall Length
A343-250	250ml	60mm	100mm	190mm
A343-500	500ml	75mm	140mm	240mm
A343-750	750ml	95mm	160mm	260mm
A343-1000	1000ml	110mm	185mm	285mm

Economy Scoops



- 304 stainless steel
- Light duty construction

Note: The Economy Scoop is NOT suitable for GMP applications as there are crevices

NEXT DAY DELIVERY

Part No.	Nominal Capacity	Diameter	Overall Length
A304-120	0.12 litres	50mm	180mm
A304-450	0.45 litres	75mm	245mm
A304-1000	1 litres	105mm	305mm
A304-1500	1.5 litres	120mm	340mm
A304-2000	2 litres	150mm	375mm

PharmaScoops®



- Heavy duty construction
- 316 stainless steel
- Crevice free
- Satin finish
- Radiused corners for easy cleaning
- Huge range of sizes

Part No.	Nominal Capacity	Body Diameter	Body Length
A316-10	10ml	25mm	45mm
A316-50	50ml	38mm	70mm
A316-100	100ml	50mm	100mm
A316-500	500ml	95mm	140mm
A316-750	750ml	95mm	210mm
A316-1000	1000ml	110mm	235mm
A316-1250	1250ml	125mm	195mm
A316-1700	1700ml	135mm	230mm
A316-2500	2500ml	185mm	215mm
A316-5000	5000ml	220mm	225mm

Round Bottomed PharmaScoop®

- Heavy duty construction
- 316 stainless steel
- Round bottom
- Crevice free
- Satin finish



Part No.	Nominal Volume	Body Width	Body Length	Overall Length
A336-250	250ml	97mm	150mm	260mm
A336-500	500ml	110mm	200mm	320mm
A336-750	750ml	110mm	235mm	350mm
A336-1000	1000ml	135mm	230mm	350mm
A336-1500	1500ml	135mm	300mm	420mm
A336-2000	2000ml	150mm	300mm	430mm
A336-4000	4000ml	190mm	270mm	390mm



Disposable PharmaScoops®

- High Quality, single use scoops manufactured in a cleanroom
- Range of sizes from 30ml to 2500ml
- Individually bagged
- Available sterile or non-sterile
- ATEX rated for zones 0,1 and 2

See page 11 for full details



PureBag

Sterile Bagging Solutions



The PureBag system from Sampling Systems is an ideal bag for sealing samples. Its ultrapure sterility will not contaminate your samples

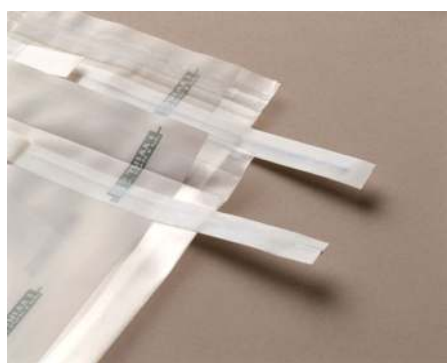
- Sterilised
- Leakproof
- Made from a special super tough grade of PE
- Complies with FDA, USDA, EPA and HACCP guidelines

Sterile By Manufacture

The polyethylene tube extrusion process occurs at temperatures of between 220°C and 240°C (428°F to 464°F) which ensures their internal sterility. The bags have consistently and successfully tested for sterility after 5 years of shelf life.

Instructions

- Tear off top of bag along the perforation.
- Use pull-tabs to pull open the bag.
- Place sample in bag.
- Hold bag by wire ends and twirl 3 to 4 times to close, fold wire ends inward onto bag.



Technical

Material of Construction: LDPE
 Temperature rating: 80°C to -100°C (176°F to -148°F)
 Chemical resistance: Suitable for weak acids up to 2 weeks (contact us for more info if required)
 Shelf Life: 5 years from date of manufacture
 Free from: Pyrogens, R-Nase and D-Nase



Plain

Part No.	Nominal Volume	Width	Length	Quantity per box
8080A-60	60ml	76mm	127mm	1000
8080A-150	150ml	76mm	178mm	1000
8080A-450	450ml	114mm	229mm	1000
8080A-900	900ml	114mm	305mm	1000
8080A-1200	1200ml	114mm	382mm	1000



With Labelling Area

Part No.	Nominal Volume	Width	Length	Quantity
8080L-60	60ml	76mm	127mm	1000
8080L-150	150ml	76mm	178mm	1000
8080L-450	450ml	114mm	229mm	1000
8080L-900	900ml	114mm	305mm	1000
8080L-1200	1200ml	114mm	382mm	1000



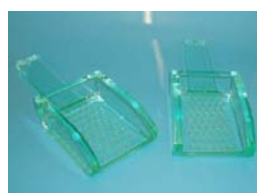
Tablet Counting Triangle



- Quick and easy way to count round tablets
- Suitable for all sizes of round tablets
- 304 stainless steel
- Satin finish

Part No.	Description
A355-250	Tablet Counting Triangle 250mm

Tablet Counting Trays



- Quick and easy way to count round tablets
- Custom made to suit your tablet shape and the number of tablets you wish to count
- Made from transparent acrylic

Part No.	Description
A360-1	Tablet Counting Tray

Clamp Containers



- Multi purpose containers
- 316 stainless steel
- Crevice free interior
- Lid secured with clamp band
- Wide 4" (100mm) diameter tri-clamp lid
- Satin finish



Part No.	Nominal Volume	Overall Diameter	Height
A526-01	1 litre	130mm	107mm
A526-02	2 litres	130mm	182mm
A526-05	5 litres	180mm	255mm
A526-10	10 litres	220mm	340mm
A526-20	20 litres	305mm	394mm

Mini-Drums & Storage Containers

- Multi purpose containers
- Crevice free interior
- Close fitting recessed lid with handle
- Flat bottom with chime ring to give added protection
- Complete with lid (toggle clamps & 'O' ring are extra)

Handles

- MiniDrum - Swing handle
- Storage Container - Two sturdy handles fitted on patch plates

Options

Toggle Clamps -



To secure the lid we recommend the use of toggle clamps

'O' Ring Seals -



Available in:

- Silicone
- Viton
- Nitrile

All the above are FDA acceptable polymers



MiniDrums



304 Stainless Steel Part No.	316L Stainless Steel Part No.	Nominal Volume	Height	Diameter
A434-1	A446-1	1 litre	155mm	100mm
A434-2	A446-2	2 litres	175mm	130mm
A434-3	A446-3	3 litres	185mm	155mm
A434-5	A446-5	5 litres	240mm	175mm
A434-6	A446-6	6 litres	280mm	175mm
A434-8	A446-8	8 litres	285mm	200mm
A434-10	A446-10	10 litres	295mm	220mm
A434-12	A446-12	12.5 litres	285mm	240mm
A434-15	A446-15	15 litres	285mm	270mm

Contact us for details about O-rings and toggles



Storage Containers



304 Stainless Steel Part No.	316L Stainless Steel Part No.	Nominal Volume	Height	Diameter
A454-20	A466-20	20 litres	387mm	270mm
A454-25	A466-25	25 litres	387mm	300mm
A454-30	A466-30	30 litres	455mm	300mm
A454-50	A466-50	50 litres	555mm	350mm
A454-75	A466-75	75 litres	620mm	400mm
A454-100	A466-100	100 litres	670mm	450mm

Contact us for details about O-rings and toggles

PharmaBottles®

New
Autumn 2011



PharmaBottles® are the new premium bottles from Sampling Systems. PharmaBottles® are designed to meet the requirements of the pharmaceutical industry and are available with full documentation.

Moulded & Packed in a Cleanroom	✓
Individually Bagged	✓
Made from HDPE (FDA acceptable)	✓
BSE/TSE Free	✓
Full Batch Traceability	✓
ATEX Rated*	✓
Available Sterile (gamma irradiated)	✓
No minimum order quantity	✓
Will be available from stock	✓

PharmaBottles® will initially be available in 250ml and 500ml sizes. Other sizes will follow. If you need a particular size PharmaBottle® please contact us to discuss your requirements.

SteriWare®   

Part No.	Pre-Sterilised	Nominal Volume	Overall Height	Outer Diameter	Material
8888H-250	No	250ml	89mm	78mm	HDPE
8888H-250S	Yes	250ml	89mm	78mm	HDPE
8888H-500	No	500ml	108mm	94mm	HDPE
8888H-500S	Yes	500ml	108mm	94mm	HDPE

* The first production batches of PharmaBottles® are due Autumn 2011. Samples of the first batches will be sent off for ATEX testing. Contact Sampling Systems for details.

Mini Pots (Stainless Steel Tubs)



- Multi purpose small volume containers
- 316 stainless steel
- Crevice free interior
- Screw on lid
- Satin finish

316ss   

Part No.	Volume	Overall Diameter	Height
A426-7	7ml	16mm	41mm
A426-25	25ml	38mm	45mm
A426-50	50ml	50mm	45mm
A426-100	100ml	50mm	71mm
A426-250	250ml	75mm	75mm
A426-500	500ml	100mm	75mm
A426-750	750ml	100mm	115mm
A426-1000	1000ml	100mm	155mm

Aluminium Bottles



- Anodised Aluminium body
- PP cap with internal aluminium seal
- Screw-on cap

PLEASE CHECK
DELIVERY

Part No.	Nominal Volume	Height	Diameter
8110A-60	60ml	88mm	40mm
8110A-120	120ml	97mm	57mm
8110A-300	300ml	160mm	57mm
8110A-600	600ml	192mm	74mm
8110A-1200	1200ml	248mm	88mm

Wide Mouth Bottles - HDPE

- Wide mouth bottle with screw on cap
- Watertight
- Supplied with cap screwed on
- Translucent or Amber
- Sturdy design
- HDPE body
- PP cap
- Made from materials that are FDA and USP Class VI compliant
- Certified BSE/TSE free
- No minimum order quantity



Part No.	Nominal Volume	Colour	Height	Diameter
8126H-30	30ml	Translucent	63mm	37mm
8126H-30A	30ml	Amber	63mm	37mm
8126H-60	60ml	Translucent	85mm	39mm
8126H-60A	60ml	Amber	85mm	39mm
8126H-125	125ml	Translucent	99mm	51mm
8126H-125A	125ml	Amber	99mm	51mm
8126H-250	250ml	Translucent	133mm	62mm
8126H-250A	250ml	Amber	133mm	62mm
8126H-500	500ml	Translucent	170mm	73mm
8126H-500A	500ml	Amber	170mm	73mm
8126H-1000	1000ml	Translucent	199mm	92mm
8126H-1000A	1000ml	Amber	199mm	92mm



New

Narrow Mouth Bottles - PP

- Narrow mouth bottle with screw on cap
- Supplied with cap screwed on
- Watertight
- Narrow mouth bottle with screw on cap
- PP body & cap (FDA and USP Class VI compliant)
- Translucent
- Certified BSE/TSE free
- No minimum order quantity



Part No.	Nominal Volume	Colour	Height	Diameter
8121P-4	4ml	Translucent	15mm	41mm
8121P-8	8ml	Translucent	25mm	45mm
8121P-15	15ml	Translucent	25mm	59mm
8121P-30	30ml	Translucent	37mm	62mm
8121P-60	60ml	Translucent	39mm	87mm
8121P-125	125ml	Translucent	51mm	100mm
8121P-250	250ml	Translucent	62mm	133mm
8121P-500	500ml	Translucent	72mm	170mm
8121P-1000	1000ml	Translucent	90mm	220mm



New

PP Tubs

- Polypropylene body & cap
- Screw-on cap
- White opaque
- Crevice free interior



Part No.	Nominal Volume	Height	Diameter
8180A-12	12ml	31mm	25mm
8180A-25	25ml	40mm	31mm
8180A-60	60ml	56mm	41mm
8180A-90	90ml	50mm	53mm
8180A-120	125ml	67mm	52mm
8180A-250	250ml	78mm	69mm
8180A-600	600ml	114mm	90mm
8180A-1000	1000ml	129mm	102mm



Ladles



- All stainless steel construction
- Crevice free
- Satin finish
- 316 stainless steel for 50 and 150ml size

Part No.	Volume	Material
A324-50	50ml	304 ss
A324-120	120ml	304 ss
A324-150	150ml	304 ss
A324-200	200ml	304 ss
A326-150	150ml	316 ss

Straight Sided Jugs



- Graduated straight sided jugs with side handles
- Crevice free construction
- 304 or 316L stainless steel construction
- Satin finish

Part No.	Stainless Steel	Volume
A204-500	304	500ml
A204-1000	304	1000ml
A204-2000	304	2000ml
A206-500	316L	500ml
A206-1000	316L	1000ml
A206-2000	316L	2000ml

Earthing Lugs



Earthing lug welded to the handle of a PharmaScoop

- Extra cost option for any stainless steel sampler or item of dispensing ware
- Provides a convenient connection point for earthing (grounding) wires
- Ideal when working with flammable solvents or in ATEX rated environments
- Earthing lugs can only be welded to almost any stainless steel device

Part No.	Description
LUG-1	Earthing Lug - 316L stainless steel

Funnels



- 304 or 316 stainless steel
- Crevice free construction
- Fluted spout to aid product flow

Part No.	Stainless Steel	Top Diameter	Spout Diameter
A244-50	304	50mm	6mm
A244-100	304	100mm	16mm
A244-120	304	120mm	16mm
A244-150	304	150mm	18mm
A244-200	304	200mm	18mm
A244-250	304	250mm	18mm
A244-310	304	310mm	18mm

Bailers



- Heavy duty construction
- 316 stainless steel
- Crevice free
- Satin finish

Part No.	Nominal Volume	Bowl Diameter	Overall Length
A296-1	1 litre	150mm	290mm
A296-2	2 litres	210mm	337mm
A296-4	4 litres	260mm	412mm

Paddles



- 316 stainless steel
- Crevice free & satin finish
- Robust construction

Part No.	Overall Length	Blade Width	Blade Length
A344-1000	1000mm	125mm	240mm
A344-1500	1500mm	150mm	300mm

Pots with Lids



- 304 stainless steel
- Crevice free
- Simple drop on lid
- Satin finish

Part No.	Nominal Volume	Diameter	Height
A284-500	500ml	85mm	85mm
A284-750	750ml	100mm	100mm
A284-1250	1250ml	120mm	120mm
A284-2500	2500ml	150mm	150mm
A284-5000	5000ml	200mm	200mm

Stainless Steel Pallets

High quality pallets that are ideal for use in GMP manufacturing environments. These pallets have an all stainless steel construction for a long life.

- All 304 stainless steel
- Fully welded construction
- Bright polish finish
- 2 way entry
- 1000kg max load
- Large discounts for bulk orders



Part No.	Length (mm)	Width (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Pallet Weight (approx. Kg)
A474-1000A	1200	1000	150	125	90	900	19
A474-1200	1200	1200	150	125	90	1100	21
A474-800	1200	800	150	125	90	700	18
A474-1000	1000	1000	150	125	90	900	18

Other pallet designs are available - contact Sampling Systems for details

Pallet Knives



- All stainless steel construction
- Crevice free
- Satin finish

Part No.	Blade Length	Blade Width
A330-100	100mm	20mm
A330-150	150mm	25mm
A330-200	200mm	32mm
A330-250	250mm	38mm
A330-300	300mm	45mm
A330-350	350mm	50mm

Scrapers



- All stainless steel construction
- Crevice free
- Satin finish

Part No.	Blade Width	Overall Length
A350-75	75mm	232mm
A350-100	100mm	275mm

Sieving Tools



- Ideal for pushing powders through mesh screens
- 316L stainless steel
- Radiused corners
- Crevice free construction
- Satin finish
- Robust handle

Part No.	Disc Diameter	Handle Length
A516-120	120mm	140mm

Stainless Spoons



- Ideal for transferring small amounts of powder
- Crevice free design
- Bright polished finish
- 304 stainless steel

Part No.	Nominal Volume	Length
A504-1	2ml	100mm
A504-2	10ml	210mm
A504-3	2ml	210mm
A504-4	10ml	300mm
A504-5	10ml	500mm

Powder Spoons



- Ideal for transferring small amounts of powder
- Crevice free design
- Bright polished finish
- 304 stainless steel

Part No.	Nominal Volume	Length
A100-20	2ml	170mm

Buckets



- 316L or 304 stainless steel
- Graduated
- Crevice free design
- Swing handle

Part No.	Nominal Volume	Stainless Steel
A264-6	6 litres	304
A264-8	8 litres	304
A264-10	10 litres	304
A264-12	12.5 litres	304
A264-15	15 litres	304
A276-10	10 litres	316L
A276-12	12.5 litres	316L
A276-15	15 litres	316L

Shallow Trays



- 304 or 316L stainless steel
- Crevice free construction
- 10mm deep

Part No.	Stainless Steel	Length	Width
A224-220	304	220mm	150mm
A224-290	304	290mm	210mm
A224-435	304	435mm	275mm
A224-520A	304	520mm	350mm
A226-220	316L	220mm	150mm
A226-290	316L	290mm	210mm
A226-415	316L	415mm	240mm

Deep Trays



- 304 or 316L stainless steel
- Crevice free construction

Part No.	Stainless Steel	Dimensions (L x W x D)
A234-220	304	220 x 150 x 45mm
A234-355	304	355 x 250 x 55mm
A234-395	304	395 x 280 x 70mm
A234-475	304	475 x 315 x 90mm
A234-530	304	530 x 325 x 100mm
A236-220	316L	220 x 150 x 45mm
A236-355	316L	355 x 250 x 55mm
A236-395	316L	395 x 280 x 70mm
A236-475	316L	475 x 315 x 90mm

Buckets with Spouts



- 304 stainless steel
- Crevice free & satin finish
- Robust construction

Part No.	Volume	Stainless Steel
A404-10	10 litres	304
A404-15	15 litres	304
A404-20	20 litres	304

Note: Bucket shown above has an optional lid - ask for details

PTFE Labware

PTFE Funnel



- Crevice free interior
- Heavy wall construction



Part No.	Top Diameter	Discharge Diameter	Height
A105-30	30mm	8mm	50mm
A105-50	50mm	10mm	85mm
A105-70	70mm	12mm	110mm
A105-100	100mm	14mm	170mm
A105-150	150mm	16mm	220mm

PTFE Pot



- Multi purpose containers & cap
- Crevice free interior
- Heavy wall construction



Part No.	Volume	Height	Diameter
A115-15	15ml	34mm	32mm
A115-30	30ml	62mm	32mm
A115-60	60ml	46mm	54mm
A115-120	120ml	62mm	62mm
A115-240	240ml	100mm	66mm
A115-480	480ml	125mm	80mm
A115-1000	1000ml	160mm	101mm
A115-2200	2200ml	260mm	120mm

PTFE Bottle



- Multi purpose bottle & cap
- Crevice free interior
- Heavy wall construction



Part No.	Volume	Height	Diameter
A125-1	1ml	27mm	16mm
A125-5	5ml	35mm	22mm
A125-10	10ml	50mm	26mm
A125-25	25ml	61mm	33mm
A125-50	50ml	76mm	43mm
A125-100	100ml	88mm	52mm
A125-250	250ml	115mm	67mm
A125-500	500ml	150mm	80mm
A125-1000	1000ml	185mm	100mm
A125-2000	2000ml	240mm	120mm

PTFE Beakers



- Crevice free interior
- Moulded in pouring spout
- PTFE drop on Covers sold separately



PTFE Beakers			
Part No. for Beaker	Volume	Beaker Height	Beaker Diameter
A135-1	1ml	18mm	13mm
A135-5	5ml	26mm	20mm
A135-10	10ml	33mm	24mm
A135-25	25ml	47mm	32mm
A135-50	50ml	60mm	43mm
A135-100	100ml	68mm	54mm
A135-250	250ml	97mm	66mm
A135-500	500ml	125mm	80mm
A135-600	600ml	125mm	90mm
A135-1000	1000ml	155mm	100mm
A135-2000	2000ml	210mm	120mm
A135-5000	5000ml	280mm	170mm

Beaker Covers	
Part No. for Cover	Cover Diameter
A135-1C	20mm
A135-5C	30mm
A135-10C	30mm
A135-25C	40mm
A135-50C	65mm
A135-100C	65mm
A135-250C	75mm
A135-500C	100mm
A135-600C	100mm
A135-1000C	125mm
A135-2000C	150mm
A135-5000C	200mm

Plastic Ware

Powder Funnel



- PP construction
- Crevice Free



Part No.	Top Diameter	Outlet Diameter
8023P-80	80mm	23mm
8023P-100	100mm	26mm
8023P-150	150mm	30mm
8023P-250	250mm	50mm
8023P-350	350mm	65mm

Liquid Funnel



- PP Construction
- Crevice Free



Part No.	Top Diameter	Outlet Diameter
8022P-100	100mm	10mm
8022P-200	200mm	25mm

Bailer



- PP Construction
- Crevice free design
- Smooth finish



Part No.	Nominal Volume	Diameter
8333P-3	3 litre	220mm

Stirrer



- Manufactured from chemically resistant PP
- Hygienic one piece design



Part No.	Blade Length	Blade Width	Overall Length
8331P-1	290mm	125mm	1190mm

Paddle



- Manufactured from chemically resistant PP
- Hygienic one piece design



Part No.	Blade Length	Blade Width	Overall Length
8332P-1	290mm	125mm	1190mm

Shovel



- Robust yet lightweight
- Manufactured from chemically resistant PP
- Hygienic one piece design



Part No.	Head Width	Head Length	Overall Length
8228P-27	270mm	330mm	1100mm
8228P-33	330mm	370mm	1100mm

Cleaning Brushes



It is essential to ensure that your sampler is properly cleaned.

Sampling Systems supply a range of brushes that are ideal for cleaning both stainless steel and plastic samplers.

Use the appropriate diameter and length for your sampler.

- Hygienic nylon bristles
- Stainless steel handle
- Available in a range of lengths and diameters



Part No.	Overall Length	Max. Tube Diameter	Min. Tube Diameter
8001A-500	500mm	35mm	15mm
8001A-1100	1100mm	35mm	15mm
8001A-1600	1600mm	35mm	15mm
8001A-2100	2100mm	35mm	15mm
8001N-500	500mm	14mm	7mm
8001N-1100	1100mm	14mm	7mm
8001N-1600	1600mm	14mm	7mm
8001J-1000	1000mm	45mm	30mm

Quick Clip



Quick Clips provide an instant removable seal for use with layflat tubing or bags. Ideal for use in ATEX rated areas where a heat sealer can not be used.

- Seals bags fast
- Water and powder tight
- Range of sizes
- Robust
- Reusable



Part No.	Sealing Length	Qty Per Bag
8219A-110	110mm	100
8219A-220	220mm	100

Sack Clip



Sealing sacks after sampling or dispensing is often tricky and difficult. Our new Sack Clip is a quick, simple and effective way of closing sacks. Simply close sack between the jaws of the Sack Clip.

- Quick and easy to apply
- Quick and easy to remove
- Ratchet mechanism and secondary positive lock for double security
- Robust
- Reusable



Part No.	Description	Quantity Per Box
8010A-1	Sack Clip	10

Sampler Cases

For safe storage and transportation

These cases are ideal for the safe storage and transportation of samplers. They are also ideal for ensuring that your clean samplers remain clean whilst they are being stored or carried around the factory. All cases are supplied with foam liners to protect the samplers.

Mini Case

- Ideal for storing small samplers
- Simple clasps keep the case closed
- Economic



Part No.	Description	Internal Dimensions L x W x H
8505A-12	Mini Sampler Case	250 x 175 x 40mm



Standard Sampler Case

- Rugged plastic construction
- Four sliding clasps keep the case shut



Part No.	Description	Internal Dimensions L x W x H
8505A-01	Standard Sampler Case	1210 x 225 x 96mm



Superior Sampler Case

- Lockable (2 keys supplied)
- High impact resistant outer
- Metal hinges for a long life
- Very high quality finish



Part No.	Description	Internal Dimensions L x W x H
8500A-01	Superior Sampler Case	870 x 285 x 116mm



Jumbo Case

- Rugged plastic construction
- Extends up to 2400mm
- Excellent Value



Part No.	Description	Dimensions Closed	Dimensions Extended
8502A-01	Jumbo Sampler Case	1800x140x140mm	2400 x140 x140mm



ID Tape

Helps prevent handling errors



Sampling Systems ID Tape is available in a range of styles. Containers, bags etc. can be easily labelled with highly visible tape. Quickly identify the status of a container to prevent it being used in error.

- Use with standard tape dispensers
- Medium strength adhesion
- 10 rolls per box



Part No.	Text	Text Colour	Length per Roll	Width	Rolls per Box
8221A-01	Quarantine	Red	66m	50mm	10
8221A-02	Sampled	Red	66m	50mm	10
8221A-03	Released	Red	66m	50mm	10
8221A-04	Rejected	Red	66m	50mm	10

Grab-It Swab Holder



- Ideal for holding cloth swabs
- Lightweight aluminium & plastic construction

Part No.	Description
8420A-750	Grab-It 750mm long
8420A-1300	Grab-It 1300mm long

Sampler Rack

Safe storage of Samplers



Our Sampler Rack is ideal for hanging up samplers when they are not being used. Stainless steel and plastic construction. The standard rack can hold up to 5 samplers.

Samplers are attached by a simple push clip design. Comes complete with hole fixings.

Suitable for samplers from 10mm to 35mm diameter and up to 4kg in weight.

Part No.	Description
8820A-01	Sampler Rack - 900mm long - holds up to 5 samplers



Which type of label is right for me?

Sampling Systems offer two types of standard label backing:

- Ultra Adhesive Labels
- PharmaLabels

1. Ultra Adhesive (UA) Labels **UA**

UA Labels are special high quality labels with an ultra-adhesive foil backing. They are ideal for use on sacks, drums, kegs, boxes, bags etc.

- Standard label are available in two sizes: 95mm x 95mm or 150mm x 150mm
- Very high strength adhesive - will even stick on very dusty surfaces
- Working Temperature Range -20 to +70°C (-5 to +160°F)

Dust Proof



UA Labels are ideal for sealing sacks after sampling. UA Labels will stick to virtually any surface, they will even stick to dusty sacks.

The label will not only record the fact that the sack has been sampled but it will prevent the sack from leaking powder as it is handled.

Weather Proof



Even after being submerged in water for 48 hours the UA label was intact, it was securely attached to the bag and could be written on using a ball point pen.

2. PharmaLabels **PL**

PharmaLabels are a range of paper labels with a special FDA acceptable adhesive. PharmaLabels are ideal for applications where the adhesive might come into contact with the product.

- Medium strength adhesion
- FDA acceptable adhesive (CFR175.105)
- Working Temperature Range -40 to +70°C (-40 to +160°F)

Try before you buy

Ask for your free sample pack



Process Labels UA



Process Labels are designed to help prevent errors during the manufacturing process.

- Colour coded for improved recognition by operators
- Printed on ultra adhesive labels
- 500 labels per roll
- Ideal for sealing holes in sacks
- Weatherproof
- Available from stock for next day delivery

No More Mess.....



Repair leaking sacks in seconds

RELEASED

Material _____ Container ☐ of ☐

Batch / Lot Number _____

Expiry Date _____ Part Number _____

Quantity _____ Initials & Date _____

SAMPLED

Material _____ Container ☐ of ☐

Batch / Lot Number _____

Expiry Date _____ Part Number _____

Quantity _____ Initials & Date _____

QUARANTINE

Material _____ Container ☐ of ☐

Batch / Lot Number _____

Expiry Date _____ Part Number _____

Quantity _____ Initials & Date _____

REJECTED

Material _____ Container ☐ of ☐

Batch / Lot Number _____

Expiry Date _____ Part Number _____

Quantity _____ Initials & Date _____

IN-PROCESS

Material _____ Container ☐ of ☐

Batch / Lot Number _____

Expiry Date _____ Part Number _____

Quantity _____ Initials & Date _____

DISPENSED

Material _____ Container ☐ of ☐

Batch / Lot Number _____

Expiry Date _____ Part Number _____

Quantity _____ Initials & Date _____

ALLERGEN

Allergène
Alergénio
Allergene
Alergeno

DIRTY

Contaminated with: _____

CLEAN

Cleaned by: _____

NOT FOR HUMAN USE



	Part No.	Label Type	Colour	Text	Number of Labels per Roll
UA	8220A-30	Ultra Adhesive	Green	Released	500
	8220A-31	Ultra Adhesive	Blue	Sampled	500
	8220A-32	Ultra Adhesive	Orange	Quarantine	500
	8220A-33	Ultra Adhesive	Black	Rejected	500
	8220A-34	Ultra Adhesive	Yellow	In Process	500
	8220A-35	Ultra Adhesive	Red	Dispensed	500
	8220A-51	Ultra Adhesive	Red & Yellow	Allergen	500
	8220A-52	Ultra Adhesive	Red	Dirty	500
	8220A-53	Ultra Adhesive	Green	Clean	500
	8220A-54	Ultra Adhesive	Blue	Not for Human Use	500
	8220A-07	Label Dispenser for 95mm wide labels			

Do Not Stack Labels **UA**

New

Prevent Boxes from getting crushed



This label will help prevent your boxes from getting crushed during storage and when being transported.

- High visibility label
- Large 150mm x 150mm size
- Printed on Ultra Adhesive Labels
- Text in English, French, Italian and German
- Ideal for use with transport and storage boxes



	Part No.	Label Type	Colour	Text	Number of Labels per Roll
UA	8220A-101	Ultra Adhesive	Red& Black	Do Not Stack	250
8220A-17 Label Dispenser for 150mm wide labels					

Custom Labels **UA** **PL**

Simply sketch your design on paper and email it to Sampling Systems and we will do the rest.



- Custom labels to your design specification
- Available as PharmaLabels or UA Labels
- Any size or shape of label is possible
- Single colour or full colour printing is available
- Minimum order 5 rolls
- Typical delivery time is 2 weeks
- Contact Sampling Systems for further information

Quality Control Labels UA PL

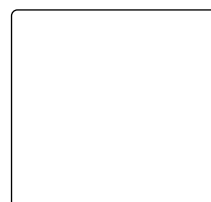


Quality Control Labels are available printed on either Ultra Adhesive or PharmaLabels.

- Large writing area
- Available in two convenient sizes
- Each roll individually packed
- Available from stock for next day delivery
- Ideal for sealing dusty sacks (UA labels)



Label Dispenser Also Available



Standard Labels 95 x 95mm



	Part No.	Label Type	Colour	Text	Number of Labels per Roll
UA	8220A-01	Ultra Adhesive	Red	Quality Control	500
	8220A-02	Ultra Adhesive	Green	Quality Control	500
	8220A-03	Ultra Adhesive	Yellow	Quality Control	500
	8220A-04	Ultra Adhesive	Blue	Quality Control	500
	8220A-05	Ultra Adhesive	Black	Quality Control	500
	8220A-06	Ultra Adhesive	White	n/a	500
PL	8220P-01	Pharma Labels	Red	Quality Control	500
	8220P-02	Pharma Labels	Green	Quality Control	500
	8220P-03	Pharma Labels	Yellow	Quality Control	500
	8220P-04	Pharma Labels	Blue	Quality Control	500
	8220P-05	Pharma Labels	Black	Quality Control	500
	8220P-06	Pharma Labels	White	n/a	500
	8220A-07	Label Dispenser for 95mm wide labels			

Large Labels 150 x 150mm



	Part No.	Label Type	Colour	Text	Number of Labels per Roll
UA	8220A-001	Ultra Adhesive	Red	Quality Control	250
	8220A-002	Ultra Adhesive	Green	Quality Control	250
	8220A-003	Ultra Adhesive	Yellow	Quality Control	250
	8220A-004	Ultra Adhesive	Blue	Quality Control	250
	8220A-005	Ultra Adhesive	Black	Quality Control	250
	8220A-006	Ultra Adhesive	White	n/a	250
PL	8220P-001	Pharma Labels	Red	Quality Control	250
	8220P-002	Pharma Labels	Green	Quality Control	250
	8220P-003	Pharma Labels	Yellow	Quality Control	250
	8220P-006	Pharma Labels	White	n/a	250
	8220A-17	Label Dispenser for 150mm wide labels			

Material Identification Service

Positive Material Identification using X-Ray Fluorescence

New

X-Ray Fluorescence (XRF) is an FDA approved material identification technique.

Our XRF analyser can quickly identify different grades of stainless steel as well as hundreds of other alloys.

XRF is a non-marking, non-destructive technique and so can be used to test finished products. Sampling Systems are pleased to offer this as an on site and off site service.

What's wrong with Mill Certificates?

We have never been happy with supplying Mill Certificates because:

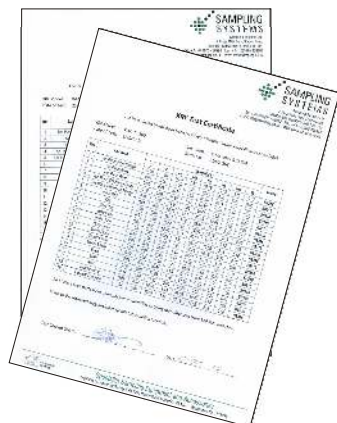
- They were frequently difficult to read (due to being faxed and copied many times)
- They were reliant on everybody in the supply chain being meticulous in their record keeping

With the old system it was too easy for mistakes to be made.



XRF Reports

We will issue a certificate identifying the alloy used for each part of your equipment. Please note that XRF is only suitable for testing metallic components.



XRF Testing of Existing Equipment

Sampling Systems offer an on-site testing service where we come to your facility to XRF Test your equipment and plant. You can then be sure that your equipment is to the correct standard.

Please contact Sampling Systems to discuss how XRF can help you.



Part No.	Description
XRF-PMI	XRF testing per sampler

Chemical Resistance Chart

	Polyethylene (PE)	Polypropylene (PP)	Polyvinyl Chloride (PVC)	PTFE	Polystyrene (PS)	Silicone Rubber	Viton®	EPDM	Nitrile	316 Stainless Steel (V4A)	304 Stainless Steel (V2A)	Hastelloy C22	Aluminium
Acetaldehyde	3	1	4	1	4	2	4	2	4	1	1	1	2
Acetic Acid (Glacial)	4	1	4	1	4	2	4	2	3	1	3	1	2
Acetic Acid (Dilute)	1	2	4	1	1	1	2	1	3	1	3	1	2
Acetone (Dimethyl Ketone)	4	1	4	1	4	4	4	1	4	1	1	1	1
Aluminium Chloride	2	1	1	1	1	2	1	1	1	2	2	1	4
Ammonia (Liquid)	3	1	1	1	2	?	4	?	3	1	2	2	1
Amyl Acetate	3	2	4	1	4	4	4	1	4	1	1	1	1
Benzene	3	4	3	1	4	4	1	4	4	2	2	2	2
Calcium Hypochlorite	1	1	2	1	1	2	1	1	3	2	3	2	4
Carbon Tetrachloride	4	4	4	1	4	4	1	4	4	2	2	1	4
Chloroform (Trichloromethane)	3	3	4	1	4	4	1	4	4	1	1	1	2
Citric Acid	4	1	2	1	1	1	1	1	1	1	2	1	3
Cod Liver Oil	?	1	1	1	2	2	1	1	1	1	1	1	1
Cupric Acid	2	1	1	1	?	1	1	?	2	2	4	1	4
Cyclohexane	2	4	4	1	2	4	1	4	2	1	1	2	1
Cyclohexanone	4	4	4	1	4	4	4	2	4	1	1	1	1
Diesel	3	1	1	1	2	4	1	4	1	1	1	2	1
Diethylamine	4	1	4	4	?	2	1	3	3	1	1	1	2
Epsom Salts (Magnesium Sulfate)	1	1	1	1	?	1	1	1	1	2	1	2	2
Ethanol (Ethyl alcohol)	1	1	3	1	1	2	1	1	3	1	1	1	2
Ethanolamine	?	4	4	1	?	2	4	2	2	1	1	2	2
Ether (Ethyl Ether)	4	4	4	1	4	4	3	3	4	1	1	2	2
Ethylene Glycol	4	1	1	1	1	4	1	1	1	2	2	1	2
Ethylene Oxide	1	4	4	1	4	4	4	3	4	2	2	1	4
Ferrous Sulfate	1	1	1	1	1	1	1	1	1	2	2	2	2
Formic Acid (Methanoic Acid)	4	1	1	1	2	2	3	2	3	1	2	1	1
Gasoline	1	1	1	2	4	4	1	4	1	1	1	1	4
Hexane	4	2	2	1	4	4	1	4	1	1	1	1	1
Hydrochloric Acid (20%)	1	2	1	1	1	4	1	1	?	4	4	1	4
Hydrochloric Acid (Conc.)	?	2	4	1	2	4	1	1	4	4	4	1	4
Hydrofluoric Acid (20%)	1	1	2	1	4	4	1	1	4	4	4	2	4
Hydrogen Peroxide (10%)	1	1	1	1	1	1	1	1	4	2	2	1	1
Hydrogen Peroxide (90%)	3	2	1	1	2	2	1	1	4	1	2	1	1
Isopropanol (Isopropyl Alcohol)	1	1	1	1	1	1	1	1	?	1	1	?	?
Kerosene	3	2	1	1	2	4	1	4	1	1	1	2	1
Lactic Acid	1	2	2	1	2	1	1	1	1	2	2	2	2
Magnesium Chloride	1	1	2	1	?	1	1	1	1	4	4	2	4
Methanol (Methyl alcohol)	1	1	1	1	2	2	1	1	1	1	1	1	1
Methyl Acetone	?	?	4	1	2	?	4	?	4	1	1	?	1
Methyl Ethyl Ketone	2	2	4	1	4	4	4	1	4	1	1	1	2
Milk	1	2	1	1	1	1	1	1	1	1	1	1	1
Naphtha	1	2	1	2	3	?	4	4	2	1	1	1	2
Nitric Acid (10%)	2	1	1	1	2	3	1	2	4	1	1	1	1
Nitric Acid (Conc.)	3	4	2	1	4	4	1	4	4	1	1	2	4
Nitrobenzene	3	2	4	1	?	4	2	4	4	2	2	4	2
Paraffin	2	1	2	1	2	?	2	1	2	1	1	2	1
Phenol (Carbolic Acid)	4	2	4	1	4	4	1	2	4	2	2	1	1
Phosphoric Acid (Conc)	2	1	2	1	1	4	1	2	4	4	3	1	3
Picric Acid	1	2	4	1	?	4	1	1	3	2	2	2	3
Potassium Chloride	1	1	1	1	1	1	1	1	1	1	2	1	4
Potassium Dichromate	1	1	1	1	?	1	1	1	1	2	2	2	2
Pyridine	2	1	4	1	4	4	4	2	4	1	1	2	2
Sodium Carbonate	2	1	1	1	1	1	1	1	1	1	1	1	4
Sodium Fluoride	1	1	1	1	2	?	1	1	1	4	4	1	2
Sodium Hydroxide (Caustic Soda)	4	1	1	1	2	1	2	1	4	2	3	1	4
Sodium Hypochlorite 20%	1	1	1	1	2	2	1	2	2	3	3	1	4
Starch	2	1	1	1	1	1	1	1	1	1	1	1	1
Sulfuric Acid (10%)	1	1	1	1	1	4	1	2	2	3	4	2	4
Sulfuric Acid (Hot Conc.)	4	4	4	1	4	4	1	4	4	3	4	4	4
Tetrachloroethane	?	3	3	1	?	4	1	4	4	1	2	1	3
Tetrahydrofuran (THF)	3	3	4	1	4	4	4	3	4	1	1	1	?
Toluene (Methylbenzene)	3	3	4	1	4	4	3	4	4	1	1	1	1
Xylene (Dimethylbenzene)	2	2	4	1	4	4	4	4	4	2	2	1	1
Zinc Chloride	1	1	2	1	1	2	1	1	1	2	2	2	4

Key

1 = Excellent, 2 = Good, 3 = Fair, 4 = Poor - Not recommended for prolonged contact, ? = No data

Important Notice: Sampling Systems do not accept any responsibility for any errors in this table. For critical applications we advise that customers carry out their own compatibility tests.



SAMPLING
SYSTEMS

www.sampling.co.uk

Successful Sampling



Certificate No. GB 15795



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We have moved
January 2012
Please note our new address

