

# successful sampling

2009-10



# 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



# World's No. 1 Sampler Supplier

We specialise in the design and manufacture of sampling equipment. We pride ourselves in having the largest range of products and in giving our customers the best service.

## Design & Manufacture

By carefully controlling the design and manufacture of our devices we can be sure that they are 'fit for purpose' and that they meet the stringent requirements of the pharmaceutical industry.

Our designers use the latest 3D modelling software, this enables us to offer top quality custom designed samplers.

## Special Samplers

If you can not see what you require please contact us. We have the capability to design and manufacture a wide range of bespoke samplers. Contact us with your requirements and we will do the rest.

## Quality Systems

We are an ISO 9001:2008 accredited company. We have the quality systems in place to back up our high quality products.



## SteriWare®

**SteriWare®**

The SteriWare® brand name is your assurance of quality. We have spent many years developing our range of disposable samplers and laboratory ware. All SteriWare® products are manufactured, assembled and packed under controlled conditions.

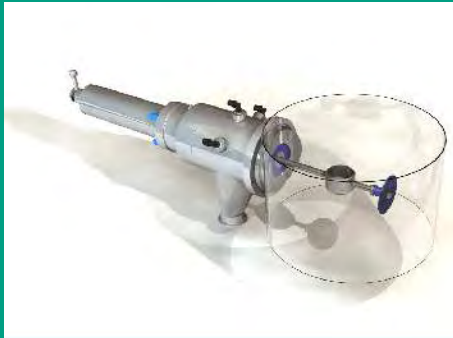
At Sampling Systems we only use special medical grade tubing for our disposable samplers. Final moulding and assembly is carried out in class 100,000 cleanroom conditions.

This ensures optimum cleanliness. After all, would you really want to use a disposable sampler made in a normal factory?

We can provide full documentation for all SteriWare® products.

## Modern Warehouse Facilities

We keep over 95% of our range in stock at our modern warehouse in Coleshill. The vast majority of orders that are received by 2pm (UK time) are shipped that same day.





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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

# Disposable Samplers



No Cleaning Required

No Cleaning Validation

No risk of cross  
contamination

Save Time & Money

# Disposable Slot Sampler

**SteriWare®**

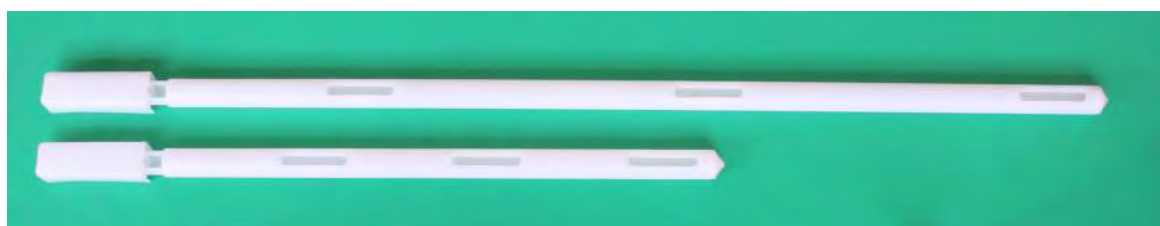
## Cross Sectional Multilevel Sampler

The Disposable Multilevel Slot Sampler is ideal for taking a cross sectional sample from powders and granules. The Disposable Slot Sampler is part of our range of SteriWare®, see page 3 for details.

**Suitability:** • Free-flowing and some cohesive powders

**Features:** • Cross sectional sample  
• Max Sample Volume: 170ml (approx.)  
• Individually wrapped  
• Assembled in a medical cleanroom  
• Made from HDPE (FDA acceptable grade - conforms to CFR 177.1520)  
• ATEX rated for Zones 0,1 & 2 (Contact us for full details)

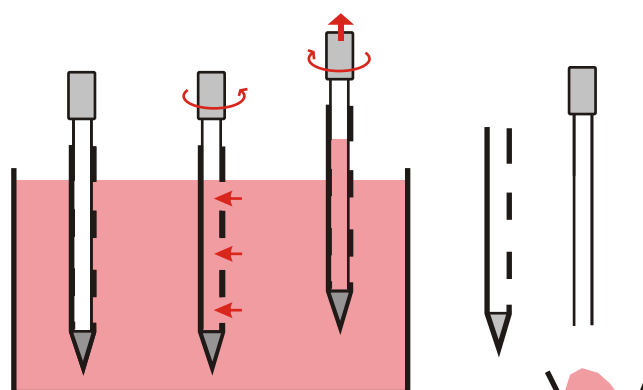
**Options:** • Pre-sterilised



## 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



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**NEXT DAY  
DELIVERY**

Part No.	Pre-Sterilised	Overall Length	Nominal Sample Volume	Material	Overall Diameter	Quantity per Box
8073H-500	No	620mm	100ml	HDPE	22mm	20
8073H-500S	Yes	620mm	100ml	HDPE	22mm	20
8073H-1000	No	950mm	170ml	HDPE	22mm	20
8073H-1000S	Yes	950mm	170ml	HDPE	22mm	20

**Discounts Available for Bulk Orders or Yearly Contracts**



# Disposable Powder Thief

## Best Selling Powder Thief

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.

Suitability: • Powders and granules

Features: • Single point sample  
• Range of sample volumes available  
• Fully welded construction (no adhesives or screws are used)  
• Assembled in a medical clean room  
• Individually wrapped  
• Made from HDPE (FDA acceptable grade conforms to CFR 177.1520)  
• ATEX Rated for Zones 0, 1 & 2 (contact Sampling Systems for full details)

Options: • Available pre-sterilised

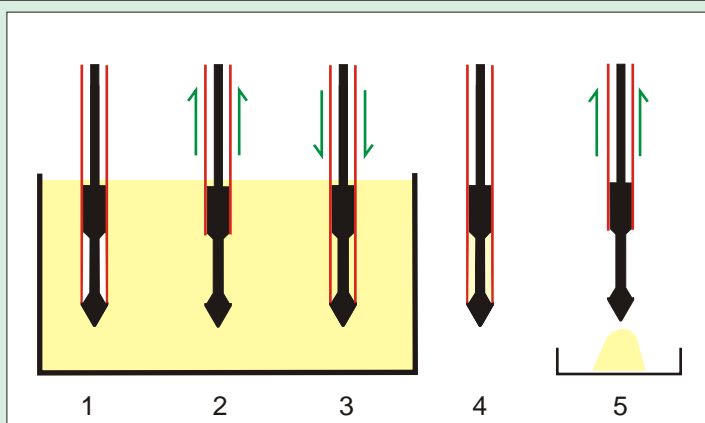


PowderThiefs are available with a range of different tip sizes: 1ml, 5ml, 10ml and 20ml



### How to use:

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



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

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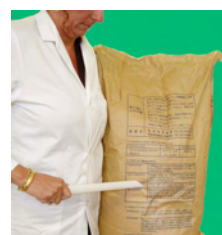
Part No.	Pre-Sterilised	Tip Size	Overall Length	Material	Overall Diameter	Quantity per Box
8060H-501	No	1ml	500mm	HDPE	21mm	20
8060H-505	No	5ml	500mm	HDPE	21mm	20
8060H-510	No	10ml	500mm	HDPE	21mm	20
8060H-520	No	20ml	500mm	HDPE	21mm	20
8060H-501S	Yes	1ml	500mm	HDPE	21mm	20
8060H-505S	Yes	5ml	500mm	HDPE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

## Disposable Sack Sampler

The Disposable Sack Master is a hygienic, single use device that has been specially designed to take samples through the side of a sack. The Disposable Sack Sampler is part of our range of SteriWare®, see page 3 for details.

All Disposable Sack Masters are individually bagged and for special applications the device is available pre-sterilised.

- Single point sample
- Individually wrapped
- Made from tough HDPE (FDA acceptable grade - conforms to CFR177.1520)
- ATEX Rated for Zones 0,1 & 2 (contact Sampling Systems for full details)



1. Unwrap Sampler

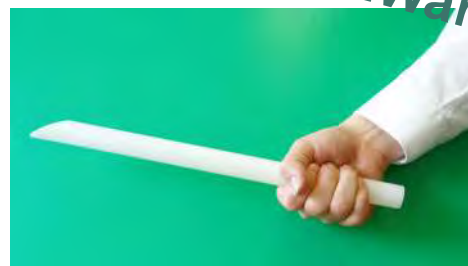


2. Insert the sampler through the side of the sack.

Angle sampler downwards to allow the product to flow into the sample collecting bag



3. Seal hole with a UA label (See Pages 86-88)



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**NEXT DAY  
DELIVERY**

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-540	Sample Collecting Bag 540ml - for hygienic use. Sterile			Qty: 500 bags	
8080A-810	Sample Collecting Bag 810ml - for hygienic use. Sterile			Qty: 500 bags	

## Disposable Powder Probe

The Sampling Systems Powder Probe is ideal for sampling a cross section through a container or sack. The Disposable Powder Probe is part of our range of SteriWare®, see page 3 for details.

- Multilevel
- Individually wrapped
- Made from tough HDPE (FDA acceptable grade - conforms to CFR177.1520)
- ATEX Rated for Zones 0,1 & 2 (contact Sampling Systems for full details)



**SteriWare®**



**NEXT DAY  
DELIVERY**

Part No.	Length	Diameter	Material	Pre-Sterilised	Quantity per Box
8064H-500	500mm	25mm	HDPE	No	20
8064H-500S	500mm	25mm	HDPE	Yes	20
8064H-1000	1000mm	25mm	HDPE	No	20
8064H-1000S	1000mm	25mm	HDPE	Yes	20



**No Cleaning — No Cross Contamination — Reduce Costs**

# Disposable Powder Lance

## Cross Sectional Sampler - No Cleaning Required

The Disposable Powder Lance is ideal for taking a cross sectional sample from within a bulk powder. The Disposable Powder Lance is part of our range of SteriWare®, see page 3 for details.

- Suitability:**
- Cohesive and some free-flowing powders
- Features:**
- Cross sectional sample
  - Max Sample Volume: 170ml (approx.)
  - Individually wrapped
  - Assembled in a medical cleanroom
  - Made from HDPE (FDA acceptable grade - conforms to CFR 177.1520)
  - ATEX rated for Zones 0,1 & 2 (Contact Sampling Systems for full details)

### Operation

The Disposable Powder Lance is both 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



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Part No.	Pre-Sterilised	Blade Length	Overall Length	Nominal Sample Volume	Material	Overall Diameter	Quantity per Box
8063H-300	No	300mm	420mm	75ml	HDPE	22mm	20
8063H-300S	Yes	300mm	420mm	75ml	HDPE	22mm	20
8063H-500	No	500mm	620mm	100ml	HDPE	22mm	20
8063H-500S	Yes	500mm	620mm	100ml	HDPE	22mm	20
8063H-1000	No	830mm	950mm	170ml	HDPE	22mm	20
8063H-1000S	Yes	830mm	950mm	170ml	HDPE	22mm	20

**Discounts Available for Bulk Orders or Yearly Contracts**

# Disposable PowderSafe

With Built In Protective Cover and Container

**SteriWare®**



The PowderSafe comprises of our best selling Powder Spatula complete with a protective cover that is also used as a quick connect container. The cover/container slips over the blade of the spatula and is securely locked into place. At the laboratory the container can be easily removed.

- Powder Spatula complete with a quick connect Container
- Eliminates messy powder transfers
- Spatula made from white PS (FDA grade - conforms to CFR 177.1640)
- Container made from transparent PS (FDA grade - conforms to CFR 177.1640)
- Individually wrapped
- Manufactured and packed in a medical cleanroom (Class 100,000)
- Available pre-sterilised and non sterile



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®** 

**Pre-Sterilised** ✓

**GMP** ✓

**NEXT DAY  
DELIVERY** 

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

# Micro-Spatulas

Ideal for handling small quantities of powders & granules

**SteriWare®**

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.

Fast, simple easy to use.

- Takes a 2ml nominal sample volume
- Spatula made from white, rigid Polystyrene (FDA grade - conforms to CFR 177.1640)
- Available both sterile and non sterile
- Made in a medical cleanroom to ensure cleanliness
- Individually bagged



**SteriWare®** 

**Ex** 

**Pre-Sterilised** ✓

**GMP** ✓

**NEXT DAY  
DELIVERY** 

Part No.	Blade Length	Blade Width	Overall Length	Pre-Sterilised	Material of Construction	Quantity per Box
8015A-170	40mm	13mm	170mm	No	White, rigid PS	100
8015A-170S	40mm	13mm	170mm	Yes	White, rigid PS	100

# Powder Spatulas

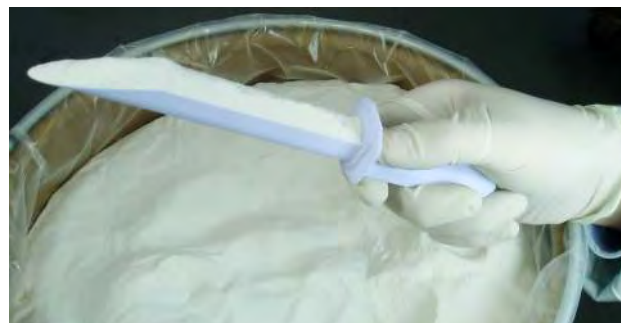
**SteriWare®**

Easy to use spatulas - made in a cleanroom

Sampling and Dispensing small quantities of powders has never been easier thanks to the Powder Spatula. It is designed to 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.

- Made from white Polystyrene (FDA grade - conforms to CFR 177.1640)
- Tough, efficient 'U' shaped blade
- Individually wrapped
- Manufactured and packed in a medical cleanroom (Class 100,000) to ensure cleanliness
- Range of sizes
- Available pre-sterilised and non sterile
- Smooth ergonomic round handle
- ATEX rated for Zones 0, 1 & 2 (contact Sampling Systems for full details)



Disposable Samplers



**SteriWare®**



**NEXT DAY  
DELIVERY**

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

**Discounts Available for Bulk Orders or Yearly Contracts**



## Disposable Bowls



- Manufactured in a cleanroom
- Pouring Spout
- Crevice free
- ATEX rated for zones 0, 1 & 2 (contact Sampling Systems for full details)
- Made from HDPE (FDA acceptable)
- Individually wrapped

**SteriWare®**



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

## Disposable Jugs



- Made from white polypropylene
- Robust design
- Individually wrapped
- Sturdy non-tip base



Part No.	Nominal Volume	Diameter	Pre-Sterilised	Quantity per Box
8049A-2000	2000ml	135mm	No	100
8049A-2000S	2000ml	135mm	Yes	100

## ID-Scoops



- Made from white polyethylene
- Metallic strip in handle aids detection by metal detector
- Individually wrapped



Part No.	Nominal Scoop Volume	Quantity per Box
8030A-60	60ml	100

## Sample Spoons



- Made from white polystyrene
- Individually wrapped in a re-sealable bag
- Cost effective



Part No.	Nominal Spoon Volume	Quantity per Box
8040A-120	3ml	100
8040A-150	10ml	100

**Discounts Available for Bulk Orders or Yearly Contracts**

**No Cleaning — No Cross Contamination — Reduce Costs**

# Disposable PharmaScoop

**SteriWare®**

The new Industry Standard - High Quality Robust Scoop



- Manufactured and packed in a medical cleanroom to ensure cleanliness
- Individually wrapped
- Made from tough, virgin polystyrene (FDA acceptable polymer)
- Available red or white
- Available non-sterile or pre-sterilised (validated procedure using gamma irradiation)
- Ergonomic design
- ATEX rated for zones 0,1 & 2 (contact Sampling Systems for full details)
- Available from stock



**SteriWare®**



**NEXT DAY  
DELIVERY**

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

**New  
Colour**

## Scraper & Pallet Knife

**New**



- Made from white PE
- Individually wrapped



Part No.	Blade Length	Blade Width	Overall Length	Pre-Sterilised	Quantity per Box
(A) 8450A-70S	150mm	70mm	270mm	Yes	100
(B) 8450A-45S	150mm	45mm	270mm	Yes	100

## Disposable Funnel

**New**



- Made from white PE
- Range of Sizes
- Individually wrapped



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

## ScoopPot



- Scoop made from white polystyrene
- Vial made from clear styrene
- Scoop screws into vial to make a leak-free transport container
- Individually wrapped
- 25 ScoopPots per case



Part No.	Nominal Scoop Capacity	Pre-sterilised	Quantity Per Box
8145A-185	185ml	Yes	25

## V-Spatulas



- Made from white Polystyrene
- 'V' shaped blade
- Individually wrapped
- Note: See page 13 for spatulas, with a 'U' shaped blade, that are manufactured in a medical cleanroom and are ATEX rated



Part No.	Blade Length	Overall Length	Pre-Sterilised	Quantity per Box
8090A-155	155mm	230mm	Yes	100

**Discounts Available for Bulk Orders or Yearly Contracts**



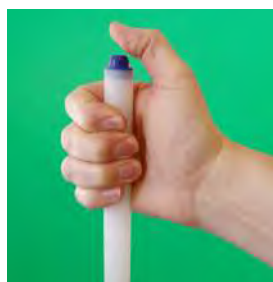
# Jumbo Pipettes

## Low Cost Disposable Liquid Samplers

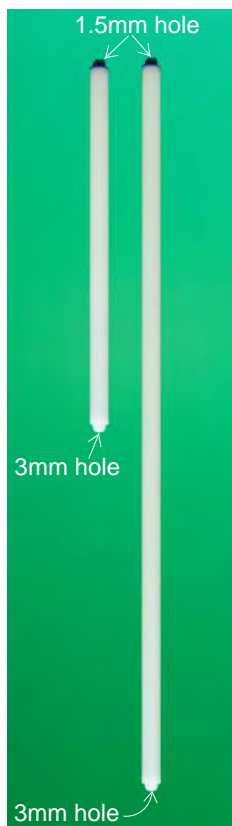
**SteriWare®**

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.

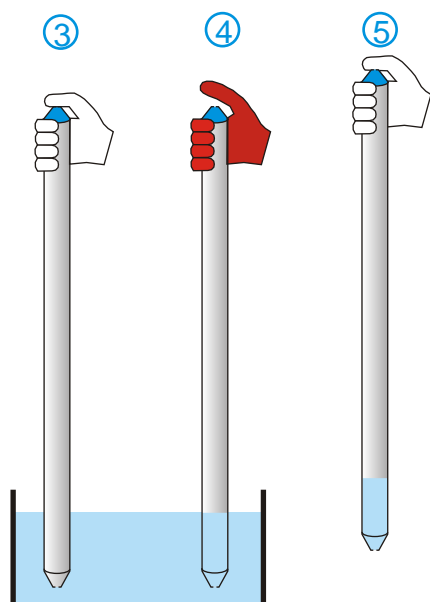
- Simple to use
- Two convenient lengths
- Individually wrapped
- Assembled in a medical cleanroom
- Available pre-sterilised
- Made from HDPE (FDA acceptable grade conforms to CFR 177.1520)
- ATEX rated for Zones 0, 1 & 2 (contact Sampling Systems for full details)



Hold the blue end -  
use your thumb to  
cover the hole



Disposable Samplers



### Operation

- ① Unwrap sampler
- ② Hold the BLUE end of the device
- ③ Press your thumb onto tube until you are at the sampling depth
- ④ Raise thumb until levels equalise
- ⑤ Press thumb onto tube to seal in the sample

**SteriWare®**



NEXT DAY  
DELIVERY

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

\* The maximum sample volume will depend upon how deeply the sampler is inserted into the product

**Discounts Available for Bulk Orders or Yearly Contracts**

# Disposable Liqui and Visco Thief

**SteriWare®**

Liquid and Cream Sampling Without Costly Cleaning

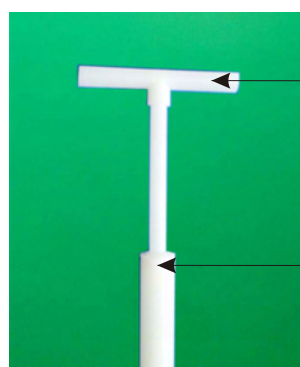
Disposable Samplers



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. The LiquiThief and ViscoThief are part of our range of SteriWare® devices, see page 3 for details.

The LiquiThief and ViscoThief have been designed to be rigid, this ensures that the operator knows exactly the depth at which each sample is taken.

- Fully welded construction (no adhesives or screws are used)
- Assembled in a medical clean room
- Each sampler is individually wrapped
- Made from HDPE or PP (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)



Ergonomic Handle - makes sample taking easy

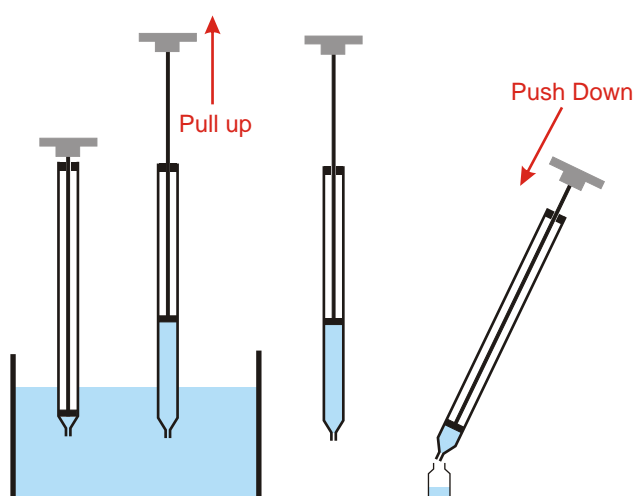
Clutch - Built in clutch makes the sampler operate smoothly

**No Cleaning — No Cross Contamination — Reduce Costs**

## Disposable Liqui and Visco Thief cont.....

### How to use:

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®**



NEXT DAY  
DELIVERY

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

### Disposable ViscoThief

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

**SteriWare®**



NEXT DAY  
DELIVERY

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

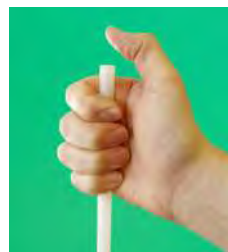
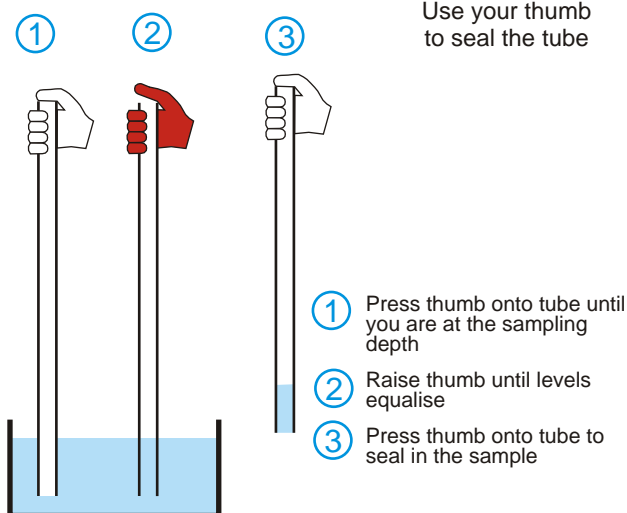
**Discounts Available for Bulk Orders or Yearly Contracts**



# Thumb Tube Pipettes

## Low Cost Disposable Liquid Samplers

- Simple to use
- Individually wrapped
- Available pre-sterilised
- Made from HDPE or PP



### 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

# 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

# Coliwasa

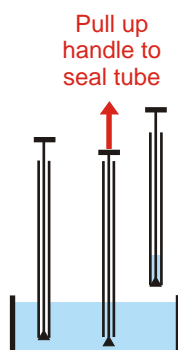
Easy to use liquid sampler - ideal for industrial applications



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



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 (pages 16 & 17) for hygienic applications.

## 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

### Disposable Samplers 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
  4. Now add the costs for Cleaning Validation, purchase of cleaning solvents and detergents, disposal of cleaning solvents, maintaining wash bays, drying costs etc.
- .... that's why more and more companies around the world are switching over to disposables.

# High Containment Sampling

Easy to use system suitable for most sampler types

**New**

High Containment Sampling can now be achieved using split butterfly technology. The system can be used with any sampler in our range but it is ideally suited for use with our range of single use, disposable samplers.



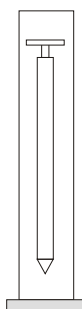
Attaching the two halves of the valve together



After sampling the passive assembly is taken to the laboratory for analysis



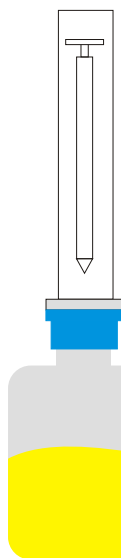
Disposable Samplers



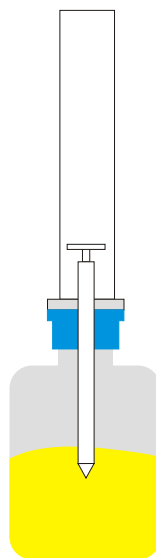
Sampler in bag attached to passive half of the split butterfly valve.



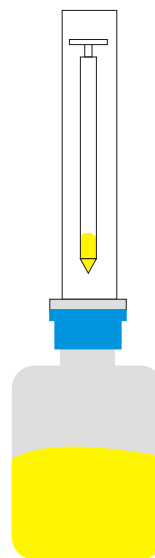
Container fitted with active half of the split butterfly valve.



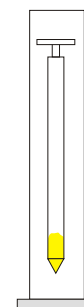
Connect the two parts of the split butterfly valve.



Open the split butterfly valve. Insert the sampler and take a sample.



Withdraw the sampler and close the split butterfly valve.



Disconnect the two parts of the split butterfly valve. Take the sampler to the laboratory for testing.

**Contact Sampling Systems for full details of this innovative system**



## Powder Sampling



# 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.

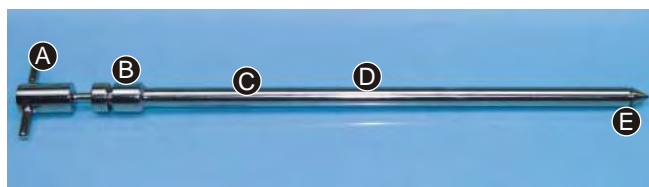
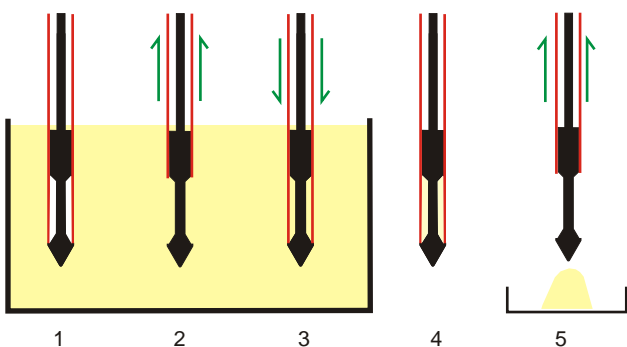
The PowderThief is suitable for sampling free flowing powders and granules. A range of tips are available so that a single sampler can be used to accurately sample a range of different volumes.

- 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

- 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.



(A) Ergonomic 'T' Bar handle for positive control

(B) Clutch system to provide smooth operation

(C) 316 Stainless Steel construction

(D) Bright Polish

(E) Detachable Tip



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

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





## PowderThief cont....



### Sampler Bodies

Part No.	Sampler Length	Body Diameter
1030A-600	600mm	12.5mm
1030A-1000	1000mm	12.5mm
1030A-1500	1500mm	12.5mm
1030B-600	600mm	19mm
1030B-1000	1000mm	19mm
1030B-1500	1500mm	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

### 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

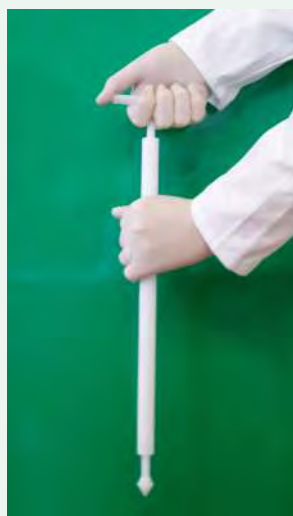
#### Useful Options

Cleaning brushes - please see page 82  
Storage cases - please see page 83

Free Flowing Powders

... 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



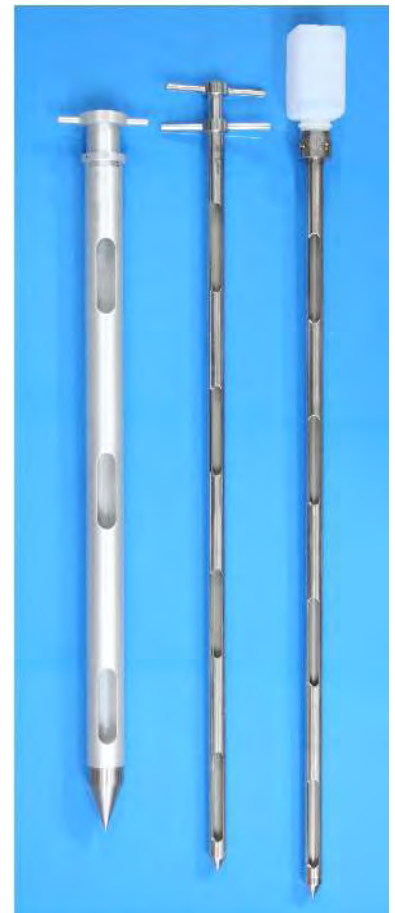
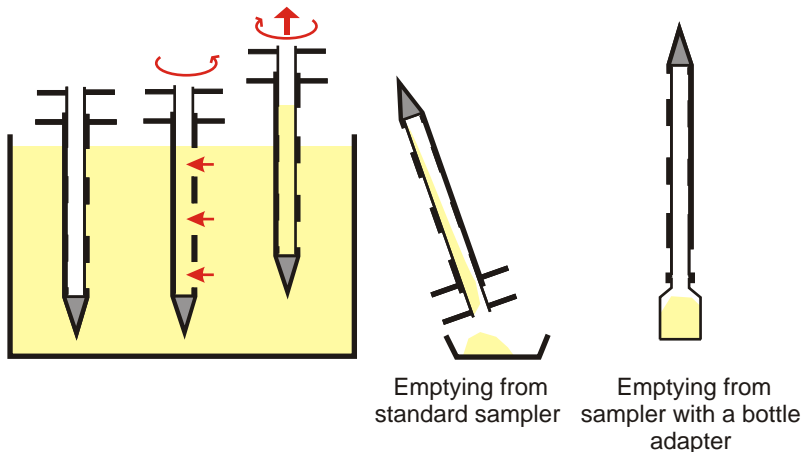
The Slot Sampler is ideal for taking a large volume, cross sectional sample from a container. The sampler has a robust all stainless steel construction and is suitable for sampling free flowing powders, granules and even slightly cohesive powders

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

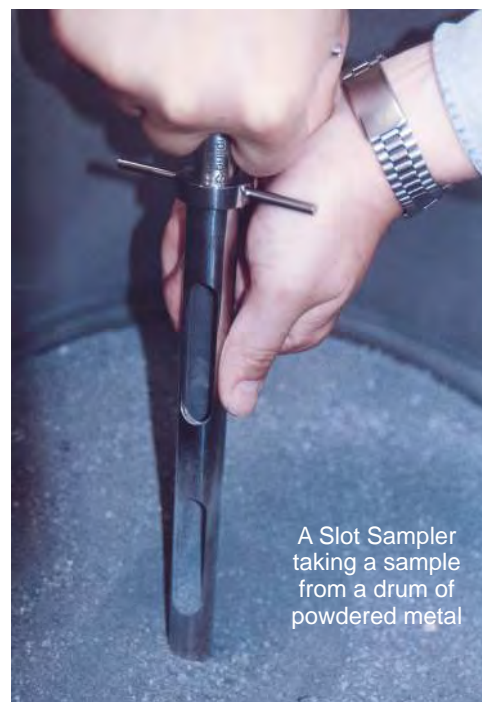


The Slot Sampler is available with a bottle holder. This enables the sample to be emptied directly into a bottle.

- 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

Free Flowing Powders

### Standard Slot Sampler:

25mm diameter - 316 Stainless Steel



Part No.	Bottle Holder	Sampler Length	Number of slots	Maximum Sample volume	Material of Construction
1210A-600	No	600mm	3	110ml	316 stainless steel
1210A-1000	No	1000mm	4	190ml	316 stainless steel
1210A-1500	No	1500mm	5	300ml	316 stainless steel
1210B-600	Yes*	600mm	3	110ml	316 stainless steel
1210B-1000	Yes*	1000mm	4	190ml	316 stainless steel
1210B-1500	Yes*	1500mm	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). Rounded tips are ideal when not trying to pierce a bag or cloth				
Cleaning brushes	Please see page 82 for more information				
Storage Cases	Please see page 83 for more information				
Earthing Lugs	Please see page 80 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	Diameter	No. of Sampling Windows	Max. Sample Volume	Material of Construction
1210K-900	900mm	40mm	3	750ml	316 stainless steel
1210K-1500	1500mm	40mm	4	1000ml	316 stainless steel
1210K-2000	2000mm	40mm	5	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 6**

# Pocket Sampler

Multilevel Sampler for taking discrete samples



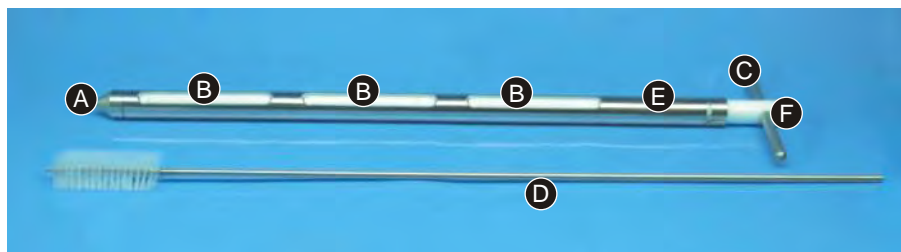
The Pocket Sampler is used in hundreds of pharmaceutical manufacturing facilities all over the world. The Pocket Sampler is ideal for taking discrete samples from free flowing powders and granules. The sampler is available in a range of sizes and designs.

Type: Multilevel (discrete/zone samples)

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



Jumbo Pocket Sampler



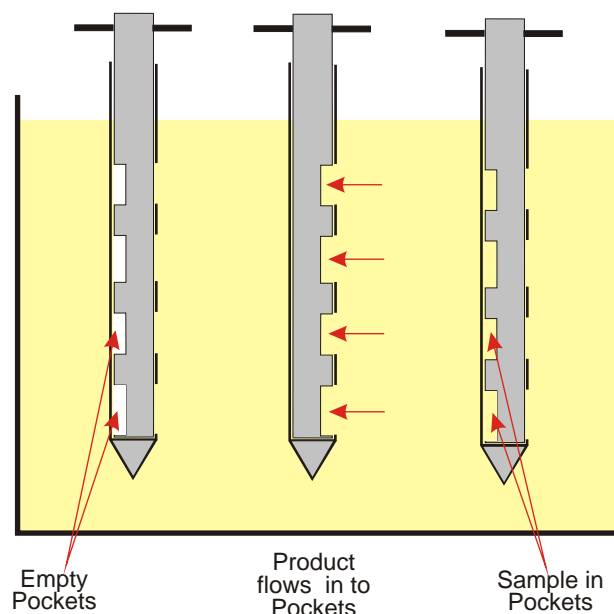
- Ⓐ Removable Tip - allows thorough cleaning
- Ⓑ Sampling Pockets
- Ⓒ Handle
- Ⓓ Cleaning Brush
- Ⓔ Outer Tube
- Ⓕ Inner Rod



## Pocket Sampler cont....

### 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



## Sample Retrieval

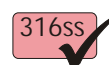
### Sealing Sleeves

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



### Emptying Rack

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



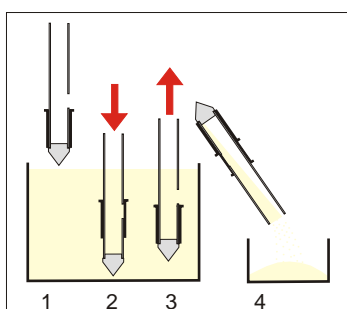
Part No.	Outer Tube	Inner Rod	Outer Diameter	No. of Pockets	Volume of each Pocket	Sampler Length
1220A-600	316ss	PTFE	25mm	3	15ml	600mm
1220A-900	316ss	PTFE	25mm	3	20ml	900mm
1220A-1500	316ss	PTFE	25mm	5	20ml	1500mm
1220B-600	316ss	316ss	25mm	3	15ml	600mm
1220B-900	316ss	316ss	25mm	3	20ml	900mm
1220B-1500	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	5	200ml	2000mm
<b>Ancillaries</b>						
8005A-01	Sealing Sleeve Set - Covers pockets - set of 3 sleeves (25mm diameter)					
1220X-600	Emptying rack for 600mm sampler (25mm diameter)					
1220X-900	Emptying rack for 900mm sampler (25mm diameter)					
1220X-1500	Emptying rack for 1500mm sampler (25mm diameter)					
LUG-1	Earthing connection point. See page 80 for more info					
Tip2	Round tip. (Sampler supplied with pointed tip). Use rounded tips when sampling from delicate sacks					
Cleaning brushes	See page 82 for full range					
Storage Cases	See page 83 for full range					

# Powder Max

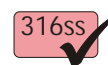
## Large volume sleeve sampler

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

- 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
1213A-01	1000mm	150ml
<b>Ancillaries</b>	Cleaning brushes	See page 82 for full range
	Storage Cases	See page 83 for full range
	Earthing lug	See page 80 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		
<b>Drive Unit Sets</b>	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
<b>Lances</b>			
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
<b>Accessories</b>			
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

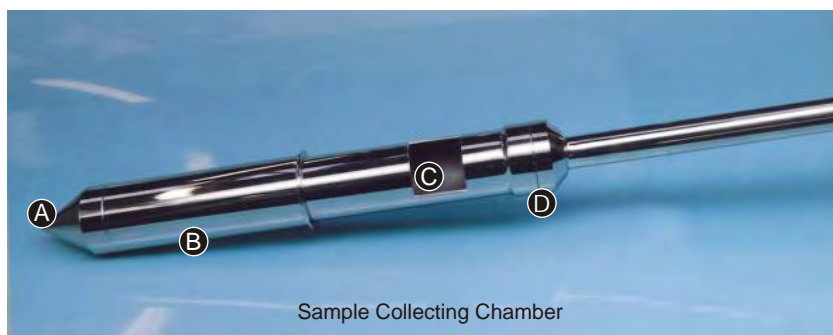
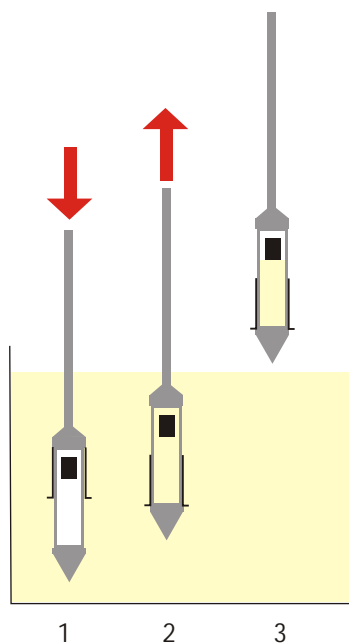
## Large Volume Sampling From Depth

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
- Options: Special lengths and chamber sizes.  
Extension handles
- 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.



**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 great depths. We only recommend Heavy Duty handles with the Sleeve Sampler.



- (A) Tip (screws into chamber)
- (B) Sleeve
- (C) Entrance port for powder
- (D) Chamber screwed to handle to allow different volumes to be attached



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		Please see page 83 for further info.		



# 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.

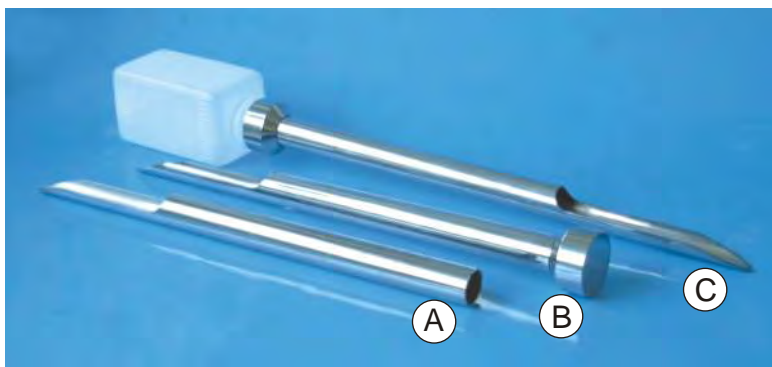
A unique range of sample collection methods are available.

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 86)

Special designs are available on request.

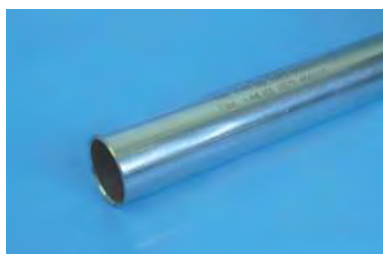


Seal hole with a UA  
label (See Pages  
86-88)



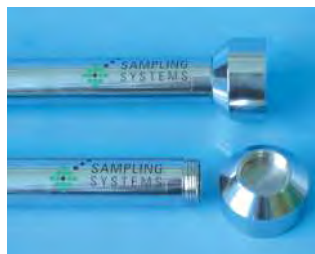
### Ⓐ Plain

- 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	316ss ✓
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)			GMP ✓
<b>Accessories</b>			
8165A-250	Sampling Bottle - 250ml - HDPE - for use with bottle adapter		
8165A-500	Sampling Bottle - 500ml - HDPE - for use with bottle adapter		NEXT DAY
8001A-500	Cleaning Brush - 500mm length		DELIVERY

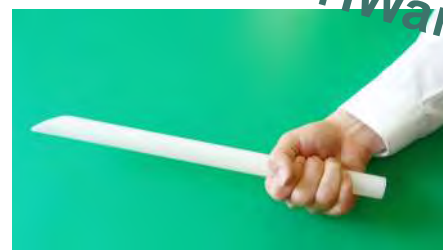
## Disposable Sack Sampler



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®**

**SteriWare®** 



Part No.	Length	Diameter	Pre-Sterilised	Quantity per Box
8085A-100	400mm	25mm	No	100
8085A-100S	400mm	25mm	Yes	100
8080A-540	Sample Collecting Bag 540ml - for hygienic use. Sterile		Qty: 500 bags	
8080A-810	Sample Collecting Bag 810ml - for hygienic use. Sterile		Qty: 500 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

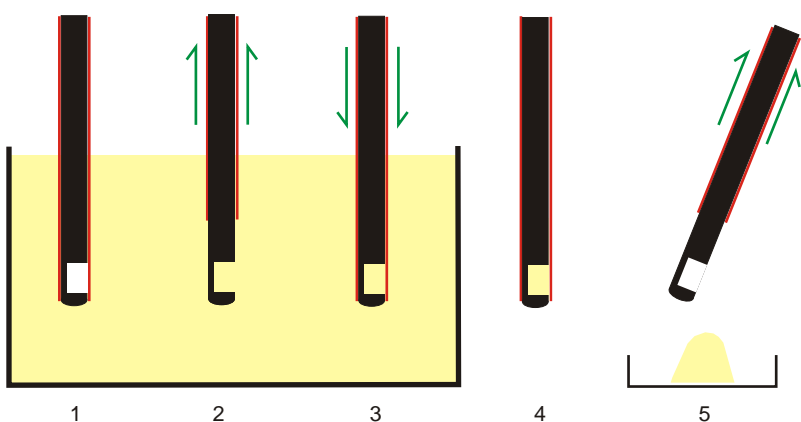


The MicroThief is ideal for R&D use

- 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.



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



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 83			



# MicroMate

## Low Volume Powder Sampler

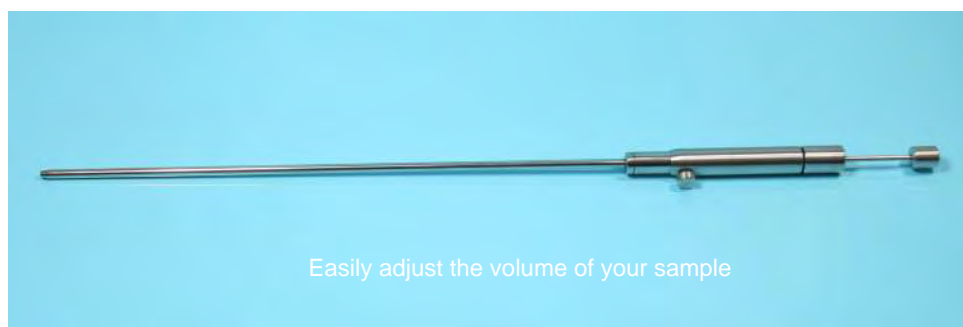
The MicroMate is designed for low volume sampling of free flowing powders and granules.

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

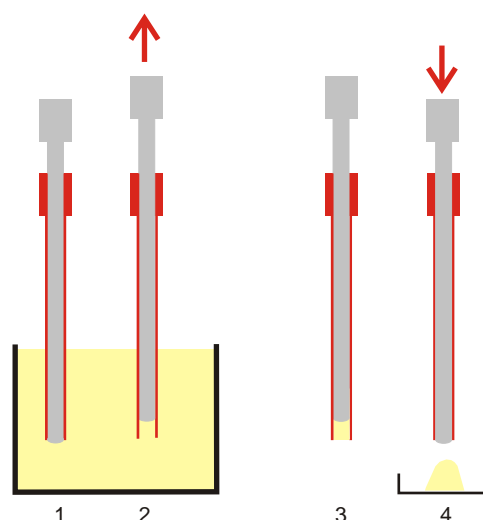
- Made from high quality 316 stainless steel
- Adjustable - takes a range of sizes
- Simple to use



Free Flowing Powders



- 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 83			

# Glove Box Sampler

**New**

An extendable sampler for use in Glove Boxes

## The Challenge

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



### 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
<b>Attachments</b>		
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

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

# U-D Sleeve Sampler

## The Accurate Unit Dose Sampler

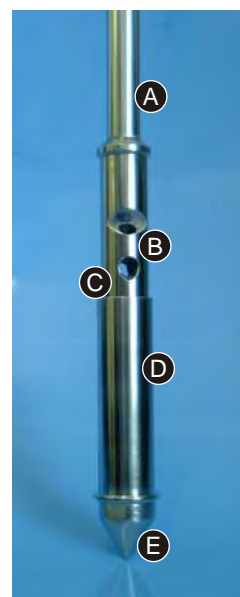
The U-D Sleeve Sampler is extensively used in the pharmaceutical industry for accurate, small volume sampling of free flowing Powders and Granules. It is ideal for Unit Dose Sampling.

- Type:** Single Point Unit Dose
- Material:** 316 stainless steel
- General:** 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.
- 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.

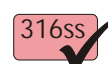
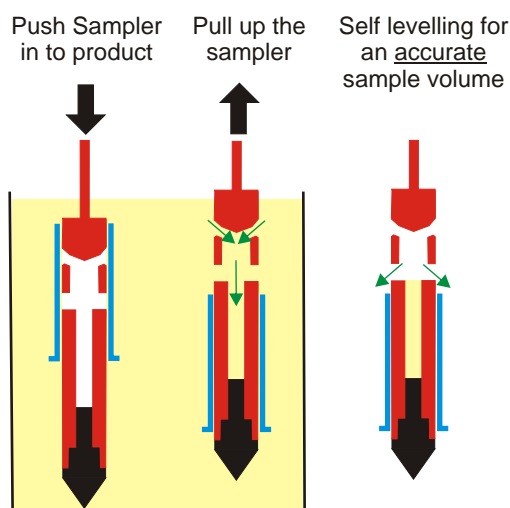
Different Volume  
Sampling Tips can be  
fitted to the same  
chamber



### U-D Sleeve Sampler Set



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



Part No.	Description	Part No.	Description
1500S-01	U-D Sleeve Sampler Set Includes:	1500A-01	T Bar Handle 600mm
	• 1 x T-bar handle - 600mm	1500A-02	Handle Extension 600mm
	• 4 x handle extension rods - 600mm	1500A-03	Sample Chamber - Type 1 (for Tips 0.1 to 1.2ml)
	• 1 x Type 1 sample chamber (for Tips 0.1 to 1.2ml)	1500A-04	Sample Chamber - Type 2 (for Tips 1.3 to 2.5ml)
	• 1 x Type 2 sample chamber (for Tips 1.3 to 2.5ml)		
	• 10 x Sampling tips (0.1ml to 2.5ml - see below)	1500C-01	High Quality Sampler Case - lockable - with cut outs for sampler components
	• 1 x High Quality Sampler Case - lockable		

#### 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

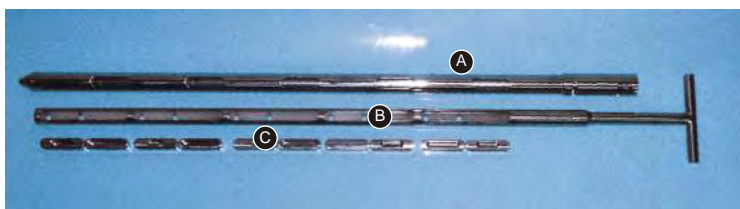
## Unit Dose Sampling to meet FDA Guidelines

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).

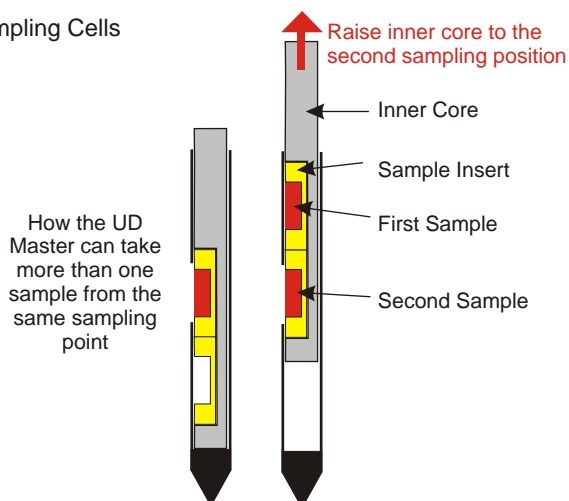
More than one sample can be taken from the same sampling point (see double or triple styles).

**Material:** 316 stainless steel, satin finish

- Operation:**
1. Select the correct volume sampling cells and fit them to the inner core.
  2. Locate the assembled inner core 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 core from the outer sleeve, the individual sampling cells can then be easily removed for analysis.



- (A) Outer Sleeve
- (B) Inner Core
- (C) Sampling Cells



Place the Sampling cells in the inner core



Sampling Cells are stamped with their volume for easy identification



Bayonet fitting allows two samples to be taken at the same sampling point



Slide the inner core into the outer sleeve

### 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.

## U-D Master cont....

### Standard U-D Master - 25mm diameter

Sample Volumes up to 4ml



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

#### Sample Cells -

Sample Cells 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 cells are : 1230T-12 and 1230T-05 respectively

#### Accessories

Cleaning Brushes

see page 82

Storage Case

see page 83

Special lengths and designs available on request. Please contact us

Also available in narrow diameters - ask for details.

Free Flowing Powders

## Reduce Sampling Error

Use the U-D Tablet maker to compress the powder in your sample insert into a slug.

See page 38



# U-D 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)



## 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 (page 34)



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

# U-D Spoon

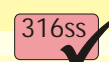
## Unit Dose Spoon with Interchangeable Cells

The U-D Spoon is ideal for surface sampling small amounts.  
Interchangeable cells are available, so different sample volumes can be easily and quickly taken.

Standard inserts are 0.1ml to 1ml. Larger volumes up to 4ml available on request.



Part No.	Description	Handle Length
1214A-150	Handle - 316ss	150mm
1214A-300	Handle - 316ss	300mm
1214A-450	Handle - 316ss	300mm



## Sample Cells -

Sample Cells are available in 0.1ml increments from 0ml to 1ml.

Part Number is 1214T-XX (where XX = Cell Volume)

For Example - The Part Numbers for 0.9ml and 0.5ml cells are: 1214T-09 and 1214T-05 respectively

Special cells are available up to 4ml

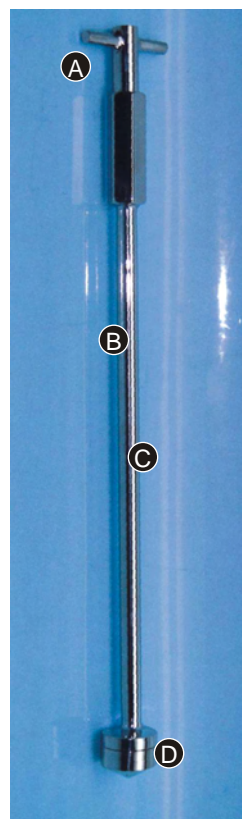
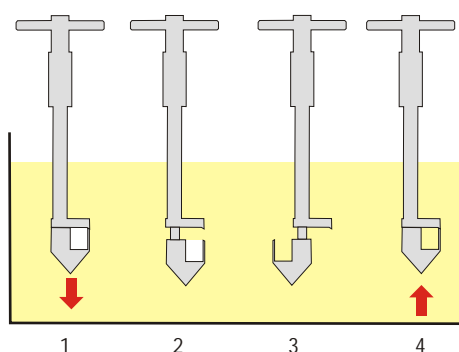


# U-D Cohesive Sampler

## 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



(A) 'T' Bar Handle

(B) Special lengths available on request

(C) Polished finish

(D) Sample Collecting Cell - different sized cells can be easily interchanged



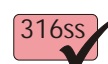
'T' Bar Handle



Tip in open position



Tip in closed position



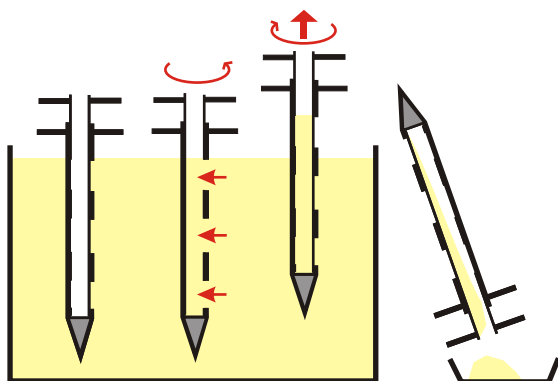
Part No.	Description
2000S-01	<b>U-D Cohesive Sampler Set</b> - consisting of: 1 off Handle, Sample Collecting Cells - 1 each of: 0.25ml, 0.5ml, 0.75ml and 1.0ml, 1 off Standard Sampler Case
2000A-1000	Sampler body and handle - 1000mm length
2000T-025	Sample Collecting Cell - 0.25ml
2000T-050	Sample 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 83

# Powder Trier

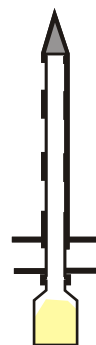
## High Quality Trier - ideal for powders, granules & grains

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

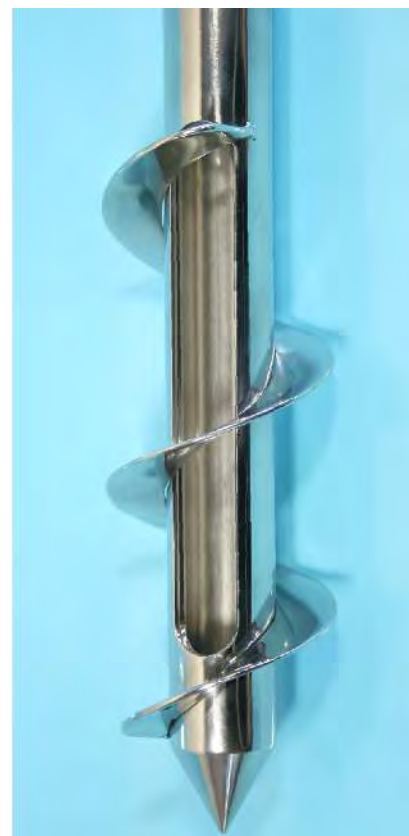
- Type: Cross section (composite sample)
- Material: 316 stainless steel, bright finish
- General: Suitable for taking large volume samples.
- Operation:
1. Insert the sampler into the product
  2. Turn the handle to open the slot - the product can now be collected in the central tube
  3. Turn the handle to close the slot
  4. Remove the sampler
  5. Invert the sampler to discharge the sample



Emptying from  
standard sampler



Emptying from  
sampler with a bottle  
adapter



Above - The cutting scroll helps  
sampler go into product



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



Fully welded  
robust handle



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
Tip2	Round tip. (Sampler supplied with pointed tip). Rounded tips are ideal when not trying to pierce a bag or cloth			
Cleaning brushes	Please see page 82 for more information			
Storage Cases	Please see page 83 for more information			
Earthing Lugs	Please see page 80 for more information			

# Powder Lance

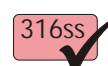
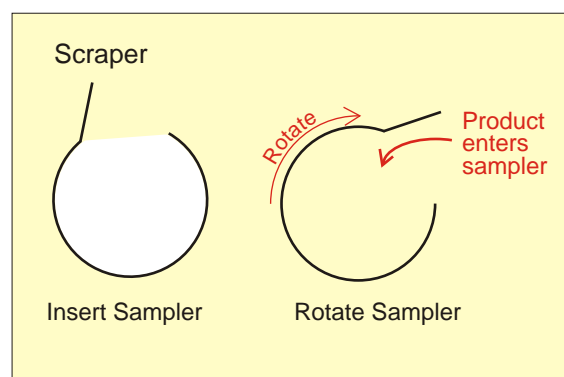
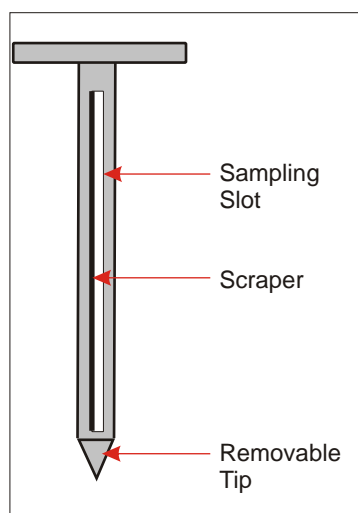
## Cross Sectional Sampler for Cohesive Powders

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		
8001A-1100	Cleaning Brush - 1100mm length		
8505A-01	Standard Sampler Case - suitable for up to 1m size - see page 83 for other cases		



# Cohesive Sampler

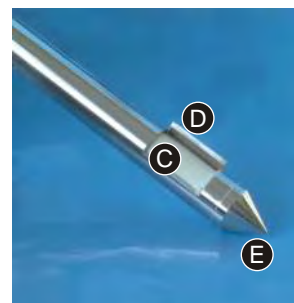
## Single Point Sampler for Cohesive Powders

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

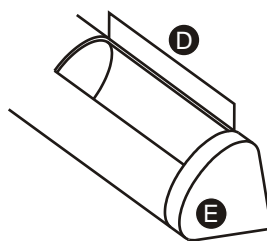
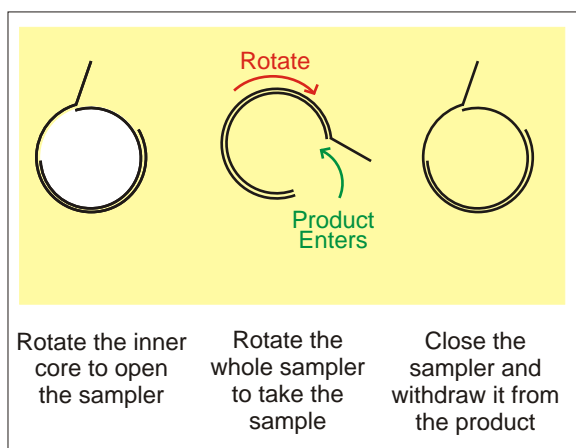
- Type: Single Point
- Material: 316 stainless steel
- Operation:
1. Insert sampler into product ensuring that the sample collecting chamber is in the closed position
  2. At the correct sampling depth, turn the inner tube to expose the sample collecting chamber
  3. Rotate the entire sampler through 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



- Ⓐ Inner Tube
- Ⓑ Outer Tube



- Ⓒ Sample
- Ⓓ Scraper
- Ⓔ Removable tip



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 82			
Sampler Cases - see page 83			
Tip2	Round tip (sampler supplied as standard with pointed tip)		
LUG-1	Weld earthing lug on to sampler - see page 80		

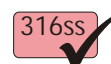
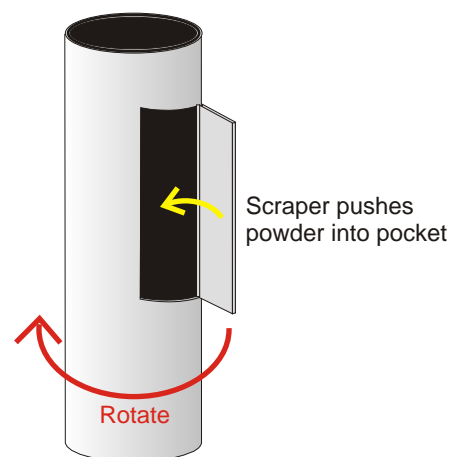
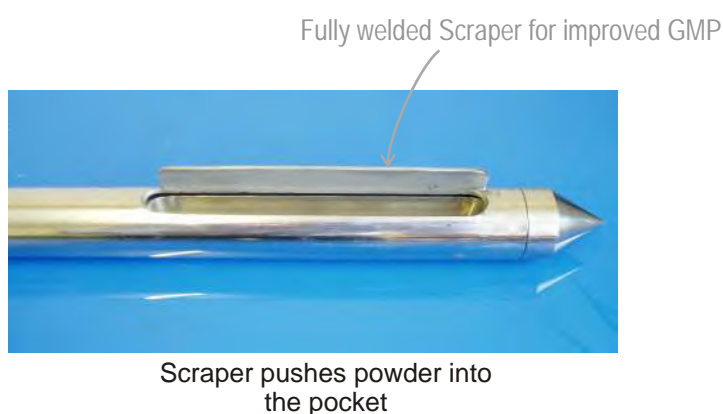
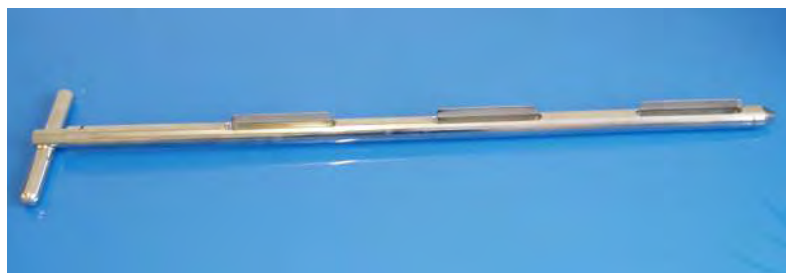
# Cohesive Pocket Sampler

## Zone sampling of Cohesive powders

The Cohesive Pocket Sampler has been specially adapted from the Pocket Sampler (on pages 26 & 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
<b>Ancillaries</b>					
	Cleaning Brush	See page 82 for full range			
	Sampler Case	See page 83 for full range			
	Tip2	Rounded tip (sampler supplied with pointed tip)			
	LUG-1	Weld Earthing lug on to sampler - see page 80			

# Silo Rover

## Bulk Sampling from Silos or Tankers

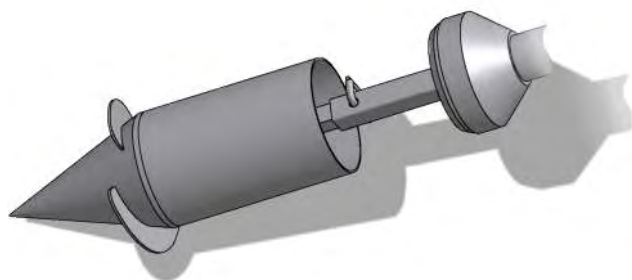


Sampling from road tankers and silos has always been very difficult, that was until the arrival of the Silo Rover.

- Heavy duty stainless steel construction
- Simple to operate
- 2m length
- Scroll end to aid insertion of sampler into dense powders or granules
- 1 litre sample volume
- Weight of empty sampler: 10kg

### Operation

- The Silo Rover is quick and easy to operate.
- Work sampler into the powder or granules.
- Open chamber which will allow powder to flow in.
- Close chamber and remove sampler.



Part No.	Nominal Capacity	Diameter
1076A-2000	1 litre	70mm
1076S-1	Stand to hold Sample Collecting Chamber	

# Multilevel Tablet and Capsule Sampler

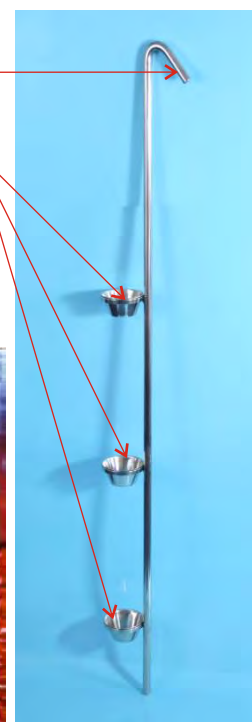
## Samples tablets and capsules as they are manufactured

Designed to sample tablets and capsules from containers as they are being filled. This sampler is available with both fixed and removable sample cups.

- Material:** 316 stainless steel. Satin finish
- General:** This sampler is useful for taking discrete samples of tablets, capsules etc. from a container as the container is filled.
- Operation:**
1. Insert the sampler into the empty container.
  2. Fill the container with tablets.
  3. The sample cups will automatically fill with tablets.
  4. Remove sampler.

Hook handle

Cups can be either fixed in place or removable



Part Number	Description
4000A-01	800mm overall length, 3 off <i>removable</i> sampling cups 20ml
4000A-02	800mm overall length, 3 off <i>fixed</i> sampling cups 20ml



# 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.

- Suitability:**
- Lawns, meadows, light to medium soils
- Features:**
- Cross sectional sample
  - Max Sample Volume: 170ml (approx.)
  - Manufactured from high quality 316 stainless steel which means it is suitable for the toughest environments (include 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			

## 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 76 for the Etch-It Machine



# FreeGlide®

The only In-Line Powder Sampler guaranteed not to jam

In-line Powder Sampler



## 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:

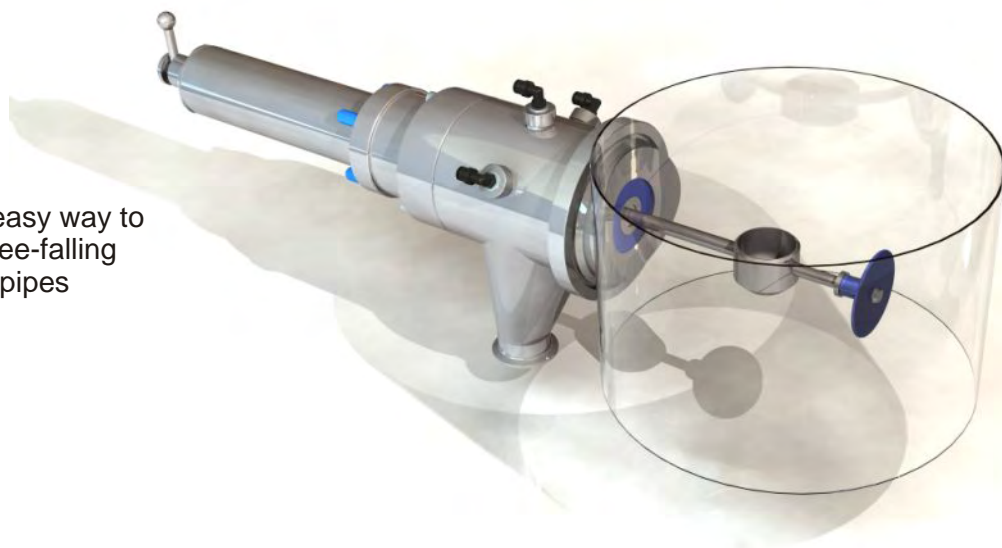
- The FreeGlide® is specially designed and engineered so that powder is kept out of the bearings by a special flexible membrane - this means the sampler will not jam
- The sample is collected in a cup and so is not physically altered by the sampling process
- When the sampling cup is retracted the full 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



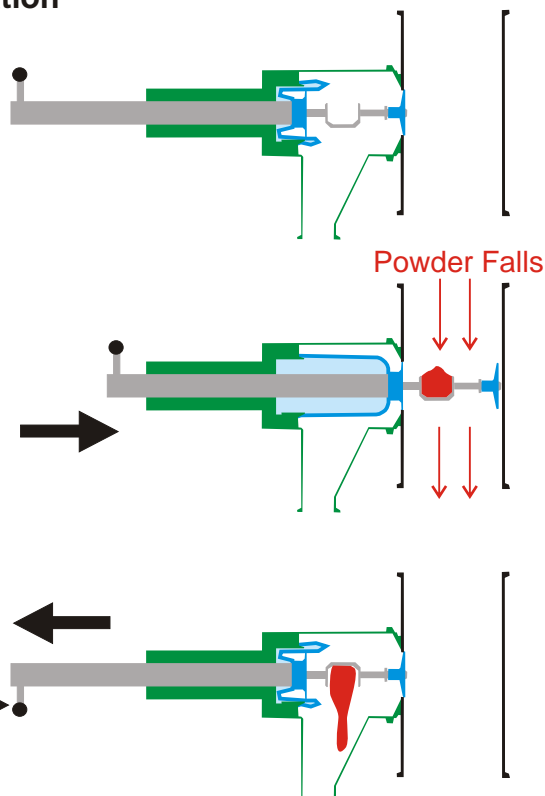
Above  
Left: Resting Position  
Right: Sampling Position

## 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



The FreeGlide® is available in ATEX rated format: Ex II 2GD T4  
Please ask for details

### 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.htm](http://www.sampling.co.uk/download.htm)



FreeGlide® is a registered trademark belonging to Sampling Systems Ltd



## Liquid Sampling



# Dippers

Ideal for use with a range of liquids

The Sampling Systems Dipper range is ideal for sampling in a wide range of environments.

- Simple to use
- Lightweight
- Easy to clean
- Extendable up to 3m (PTFE Dipper only)



## 1 - Stainless Dipper

GMP Correct Liquid Sampler

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



## 2 - PTFE Dipper

Excellent Chemical Resistance - GMP correct

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)		



## 3 - Chemical Dipper

Robust Polypropylene Dipper

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





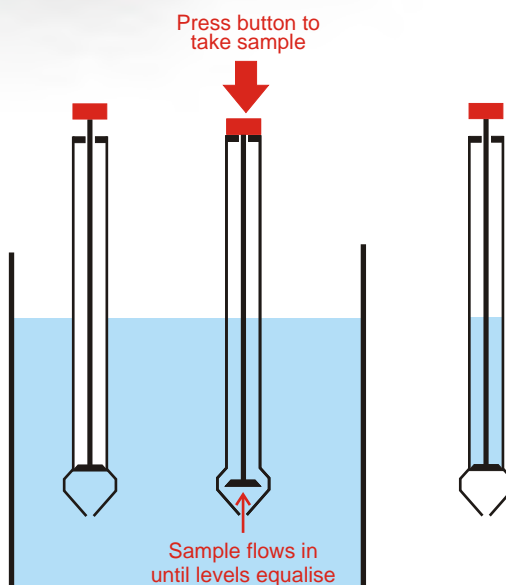
# Liquid Master

Ideal for Sampling Various Liquids

Liquids



- 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.





## Liquid Master cont.....



**Sampler Tip**

Seal arrangement prevents sample from dripping



**Push Button**

Press to take sample



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 82

Storage Cases - see page 83

\*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.

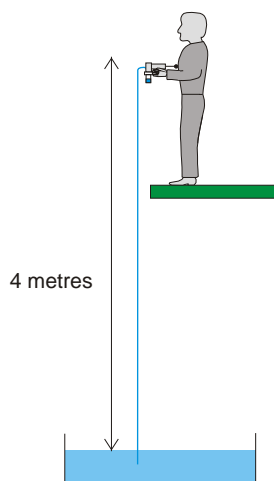
- Suitability:** Low to medium viscosity liquids.
- Type:** Single Point
- Material:** PE, PTFE or 316L stainless steel
- Operation:**
1. Cut the sampling tube to the required length.
  2. Screw the collecting bottle to the base of the hand pump.
  3. Insert one end of the sampling tube through the hand 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

**NEXT DAY  
DELIVERY**



Part No.	Description
5020T-01	PTFE Pump Sampler Set
<b>Spares:</b>	
5020A-09	Hand Pump - Plastic
5020A-11	Adapter for pump and PFA sample bottles (type 5020A-02 and 5020A-04)
5020T-5	Sampling Tube - PTFE - 5m
5020A-07	Tube cutter
<b>Bottles:</b>	
5020A-03	Sample bottle - PFA - 90ml
5020A-04	Sample bottle - PFA - 180ml

## 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)
<b>Spares:</b>	
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
<b>Bottles:</b>	
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
<b>Spares:</b>	
5020S-01	Hand Pump Stainless Steel
5020P-100	Sampling Tube - PE - 100m
5020A-07	Tube cutter
<b>Bottles:</b>	
8130A-100	Sample bottle - PE - 100ml
8130A-250	Sample bottle - PE - 250ml
8130A-500	Sample bottle - PE - 500ml
8130A-1000	Sample bottle - PE - 1000ml

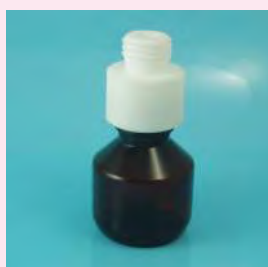


## Use Your Current Sample Collection Bottles



If you wish to use your own sample bottles then 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 adapter.

When ordering a non standard adapter please post us one of your bottles.



### Standard Adapters made from Aluminium

Part No.	Thread	Part No.	Thread
5020X-15	Type 15	5020X-42	Type 42
5020X-28	Type 28	5020X-45	Type 45
5020X-30	Type 30	5020X-47	Type 47
5020X-32	Type 32		
5020X-38	Type 38		

### Special Adapters made from PTFE

Part No.	Neck Diameter
5020X-1	Up to 50mm diameter
5020X-2	Up to 100mm diameter
5020X-3	Greater than 100mm

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

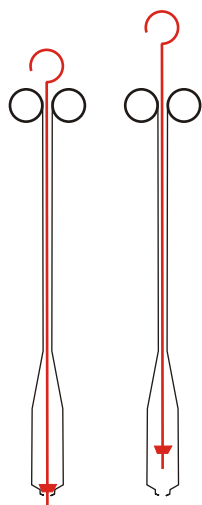


# Utility Dipper

## 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 81 for further information

Chemical Resistance Chart  
- see page 91

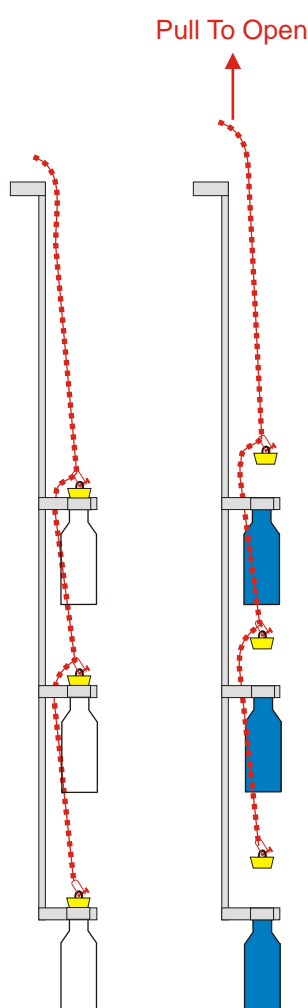
# Multi Dipper 2

## 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



### Product contact parts are:

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



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

316ss ✓



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
8135A-250	Spare sample bottle - HDPE - 250ml	

Special sizes and designs are available on request

# 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.



- Ⓐ Handle
- Ⓑ Graduations
- Ⓒ High polish finish

Ⓓ Sample Collecting Chamber

Ⓔ Syringe Cover



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



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
<b>Spare - 5ml syringes</b>		<b>Spare - 30ml syringes</b>		<b>Spare - 60ml syringes</b>	
5010S-05	Pack of 100	5010S-30	Pack of 25	5010S-60	Pack of 25



# Cup Sampler

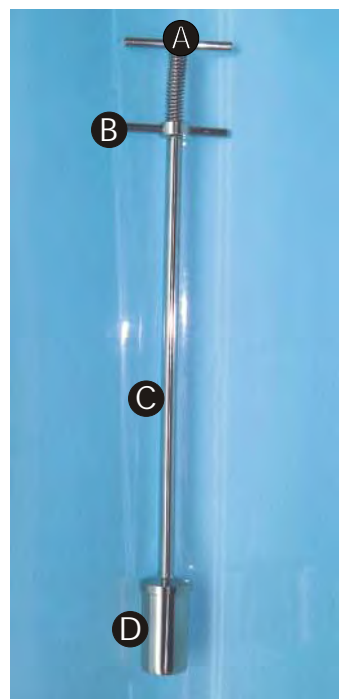
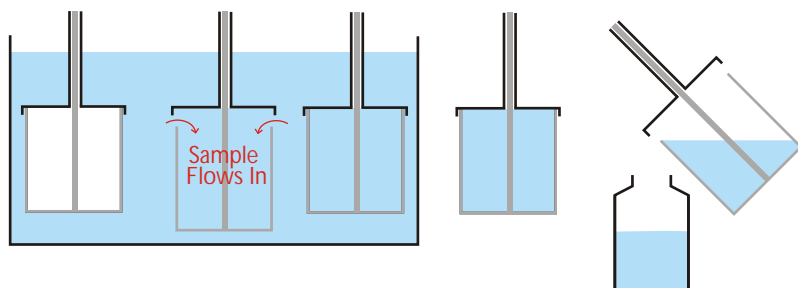
Suitable for high and low viscosity liquids and suspensions

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

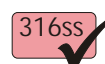
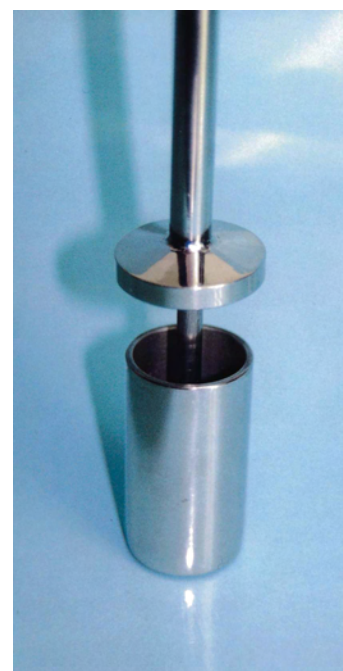
Material: 316 stainless steel

- 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.



- (A) T Bar Handle
- (B) Spring
- (C) High polish finish
- (D) Sample Collecting Cup

Right - Sampling Cup unscrews so it can be easily cleaned



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
<b>Accessories</b>			
8001N-1100	Narrow Cleaning Brush - 1100mm		
8001N-1600	Narrow Cleaning Brush - 1600mm		

# 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.

**Material:** Collecting Beaker - polypropylene  
Sampling Rod - aluminium, plastic

**Features:**

- Telescopic handle (lightweight and strong)
- Range of volumes and styles of collecting vessels
- Simple and easy to use



### Telescopic Handle

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



### Pendulum Beaker

Always swings to the upright position



### Angular Beaker

Many settings allow the beaker to be adjusted quickly to the required angle.



### Bottle Holder

Suitable for bottles up to 95mm diameter.  
Price includes one 500ml LDPE bottle



NEXT DAY  
  
DELIVERY



Above - Stainless beaker

Telescopic Rods (For use with items 5065B, 5065C & 5065D)	Part No.	Length
	5065A-1200	600 to 1200mm
	5065A-2500	1250 to 2500mm
	5065A-3000	1000 to 3000mm
	5065A-4500	1500 to 4500mm
	5065A-6000	1500 to 6000mm
Angular Beaker (Holder & one beaker)	Part No.	Volume
	5065B-600	600ml
	5065B-1000	1000ml
	5065B-2000	2000ml
	5065B-1000B	1000ml stainless version
Pendulum Beaker (Holder & one beaker)	Part No.	Volume
	5065C-600	600ml
	5065C-1000	1000ml
	5065C-2000	2000ml
Bottle Holder (Holder & one bottle)	Part No.	Volume
	5065D-500	500ml

**New**  
**Stainless Steel**  
**TeleScoop**  
See Page 59

# Stainless TeleScoop

## The TeleScoop for hygienic applications

This Stainless TeleScoop is used in exactly the same way as the aluminium TeleScoop on page 58. The only difference is that it is made out of 316 stainless steel and not aluminium.

Material: 316 stainless steel

- Features:
- Telescopic handle
  - Range of volumes and styles of collecting vessels (see page 58)
  - Simple and easy to use



**New**



Stainless Steel Telescopic Rods	Part No.	Length
(For use with items 5065B, 5065C & 5065D - See Page 58 for details)	5065S-1500	800 to 1500mm
	5065S-3000	1500 to 3000mm
	5065S-4500	1500 to 4500mm

# 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®**

See Page 16 & 17 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



# 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 61 for cables and reels

# Disposable Bailer

## Popular For Environmental Sampling

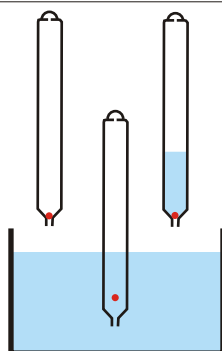
The sampler can either be manually pushed into the liquid being sampled or else it can be lowered on the end of a wire. Ideal for sampling from storage silos or well sampling.

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

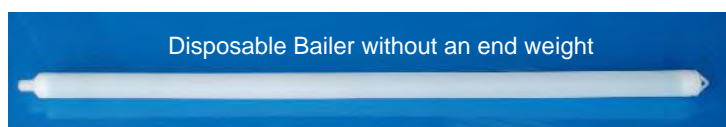
The plastic ball in the end of the sampler is pushed out of the way when the sampler is lowered into the product.

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

**Note:** This sampler is not suitable for high density liquids



Disposable Bailer without an end weight



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
<b>Cables</b>						
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 61					

# Sub Sampler Pro

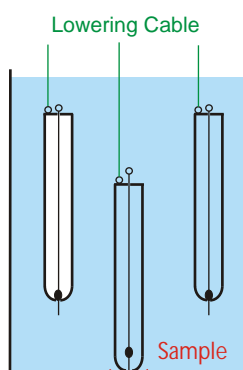
## The Best Selling Heavy Duty Liquid Sampler

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**

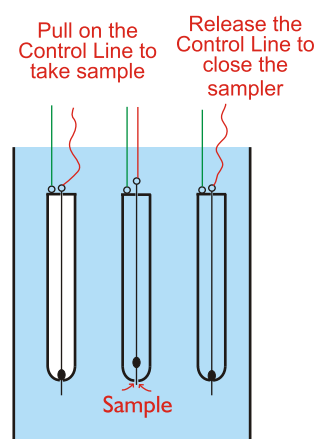
The Sub Sampler Pro is lowered until the plunger assembly touches the bottom of the container. As the plunger assembly is pushed up the sample is able to enter the device. When the sampler is raised the plunger will drop down and seal the sampler.



### 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 sampler.



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

## 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



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

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

# 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
5056E-10	10mm	450mm	Rigid PP	4L/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.

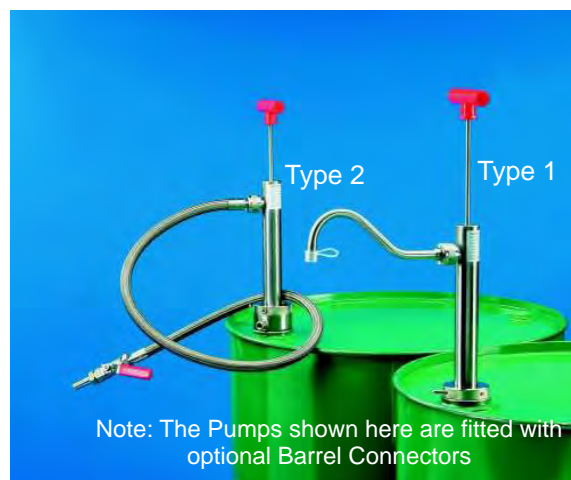
## Two Styles of Stainless Pump

**Type 1** - Pump has a rigid stainless steel delivery tube

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

## Electrostatics

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



Type 1	Type 2	Max. Submersible Length	Overall Length	Pump 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

# 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



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



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



Mauser 2" Thread  
Part No. 8200P-03



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



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

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

# PeriPump

## Powered Liquid Sampling - Ideal for Sampling From Depth

The PeriPump allows samples of liquids and suspensions to be quickly taken. At the heart of the system is a battery powered peristaltic pump. The pump does not get wet during operation.

1. Easy to clean - the liquid only comes in contact with the hose
2. Liquid is pumped directly into sample bottle
3. Use at depths of up to 5m (Note: this is product dependent)
4. Delivery rate - up to 3L/min

Highly effective and yet  
simple & easy to use

### What's in the Box?



The PeriPump Sampling Set includes:

- Pump & Drill
- Rechargeable battery
- Battery Charger\*
- Bottle Holder for 250ml bottle
- Suction Hose - 5m length - made from PVC
- Plastic carrying case

\* The battery charger is suitable for use with a 230v 50Hz supply. Special chargers for other voltages are available, please ask for details



Part No.	Description
5640A-01	PeriPump Sampler Set (see box above for details)
<b>Spare Suction Hose</b>	
5640H-100	Suction Hose - 100m length - Made from PVC
5640M-1	Suction Hose - 1m length - Made from Marprene®
<b>Sample Collecting Bottles</b>	
8105B-250	Sample Collecting Bottle - 250ml - HDPE - Box of 100 bottles
8105B-500	Sample Collecting Bottle - 500ml - HDPE - Box of 100 bottles
<b>Spares</b>	
5640S-250	Bottle holder for 250ml bottles
5640S-500	Bottle holder for 500ml bottles
5640S-03	Rechargeable battery

**New**

# Quantum Sampler

## In Line Sampling of Liquids, Slurries and Suspensions

The Quantum Sampler is the ideal inline sampler for liquids and slurries. The Quantum Sampler has a special patented seal system that allows the device to be customised for special applications.

Generally used in mining, food and chemical applications. The patented seal system offers unrivalled reliability.

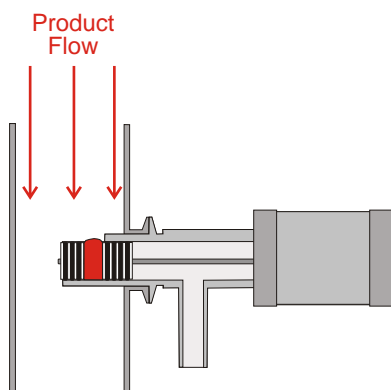
- Robust construction
- Pneumatically operated
- Proven design
- Secured in place using a quick release clamp
- Requires compressed air at 6 barg to operate
- Separate controls system available



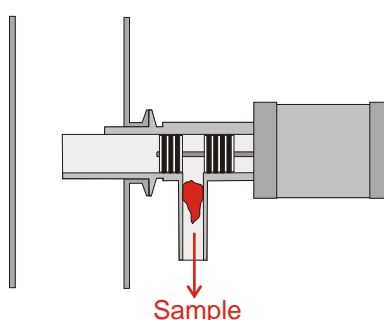
Inline Liquid

### How it works

#### 1. Collecting the Sample



#### 2. Discharging the Sample



1. The piston is extended. The product falls into the collecting area.
2. The piston is retracted. The sample is now able to fall down the chute into the sample collecting bottle



### Specifications

- 316 stainless steel contact parts
- Viton or EPDM seals
- Range of sizes to fit various pipe diameters from 2" upwards
- Standard volumes are 10ml, 25ml or 50ml. Larger volumes are available on special large versions

316ss ✓

PLEASE CHECK  
DELIVERY

## Send us Your Enquiry

In order for us to provide you with a quotation we will need to know the following information about your application:

- |   |                        |
|---|------------------------|
| - Material description (viscosity if known)             | - Sample size required |
| - Where sampler is to be located (pipe, hopper etc....) | - Flow rate            |
| - Diameter of pipe work it is to fit in                 |                        |
| - Temperature?  |                        |
| - Pressure or vacuum?                                   |                        |



# SteriPort

## Sterile Sampling Using a Hypodermic Needle

The SteriPort is ideal when you take sterile samples using hypodermic needles through a septum. Our range of designs are available for direct welding to tanks, pipes or in pipelines.

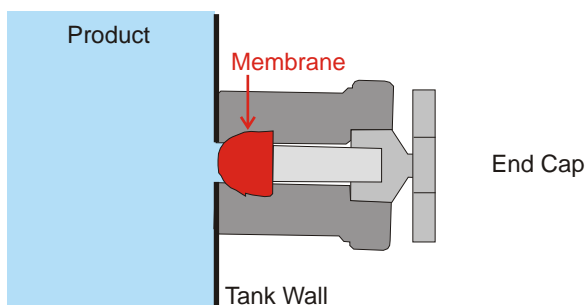
Operation is simple. Simply remove cap. Put needle through septum. Extract sample.

### Technical

Suitability	Viscosity - 0 - 1000 cP Only suitable for microscopic particles 0 - 6 barg pressure Temp range 1 C - 110°C
Material	316L stainless steel FDA grade EPDM membrane
Finish	Ra < 0.8µm (electropolished)
Membrane Life	Can be pierced up to 20 times



SteriPort for welding directly on to tanks



5090A-T  
Weld straight to tanks

### How to use

(Once the SteriPort has been welded into place)

1. Remove End Cap
2. Fit hypodermic needle to sampling syringe
3. Push the needle through the membrane into the product
4. Take sample
5. Withdraw needle
6. Replace End Cap

Part No.	Description
5090A-T	SteriPort supplied with connection for welding directly on to tanks
5090A-P	SteriPort supplied with connection for welding directly on to pipes (Pipe diameter must be greater than 25mm)
5090A-IP	SteriPort supplied ready to weld to a pipe with dimensions 13mm OD and 10mm ID
<b>Spares</b>	
5090M-1	Spare EPDM membrane (10 per bag)
5090C-1	Spare cotton wick (100 per bag)

# Need Help?

If you are unsure what you require  
please give us a call.

We are here to help.....



# Eco Valve 2

## Cost Effective Liquid Sampling Valve

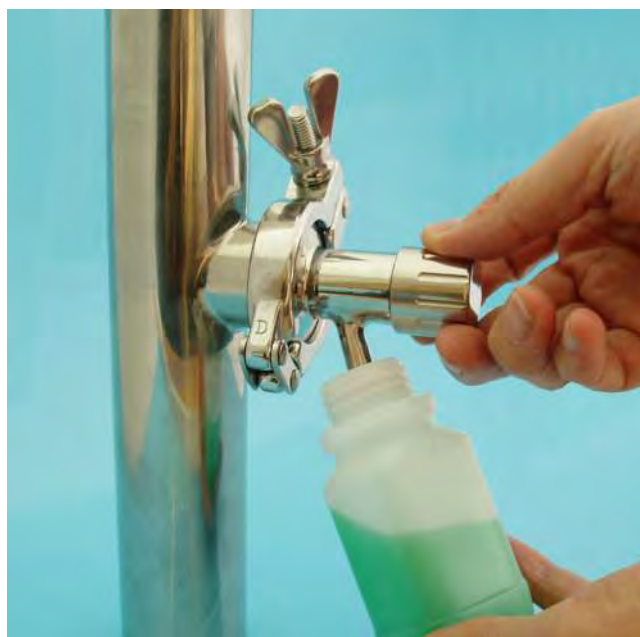
The highly popular Eco Valve has been improved and relaunched as the Eco Valve 2. It is ideal for sampling liquids that are flowing along pipes or in tanks.

- Suitability:** Low to medium viscosity liquids.
- Type:** Single Point
- Material:** 316L stainless steel, silicone O ring or EPDM O ring
- Operation:**
1. Put the sample collecting container under discharge chute.
  2. Open valve and take sample.
  3. Close valve to stop taking the sample.



### Suitability

**Pressure** 6 Bar max.  
**Temp** 0 to 130 °C



### Cleaning

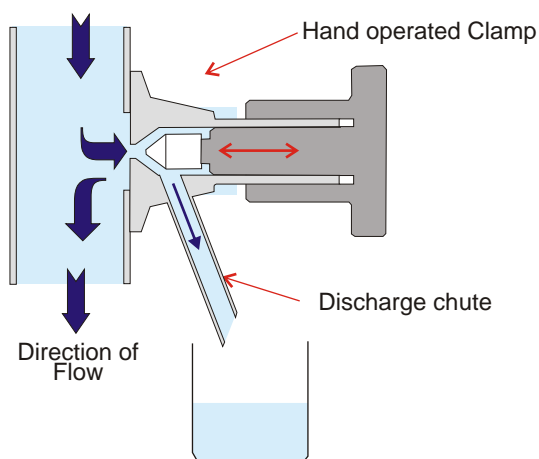
The valve can be taken apart for cleaning.

### Sites

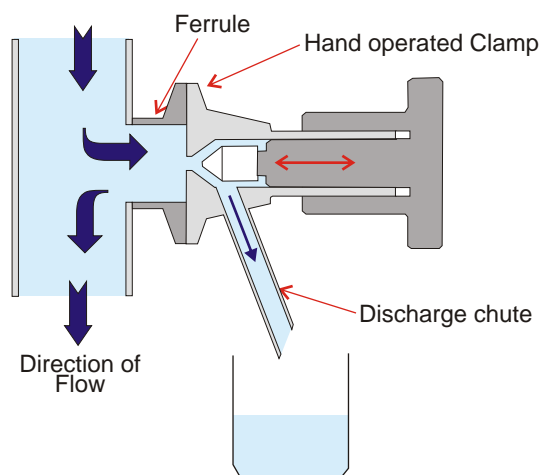
Suitable for use in the pharmaceutical, chemical, food and environmental industries.


Inline Liquid

### Style A: Eco Valve with Tank or Pipe



### Style B: Eco Valve with Ferrule Connection



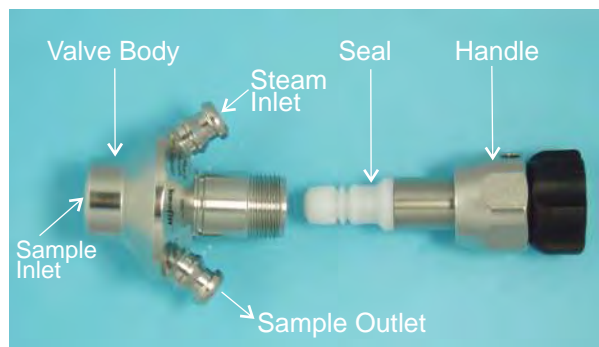
Part No.	Description	Finish	Connection Style	Seal Type	
5057A-11	Eco Valve 2	Ra < 1.0µm	Style A - Tank	Silicone	
5057A-12	Eco Valve 2	Ra < 1.0µm	Style A - Tank	EPDM	
5057A-13	Eco Valve 2	Ra < 1.0µm	Style A - Pipe	Silicone	
5057A-14	Eco Valve 2	Ra < 1.0µm	Style A - Pipe	EPDM	
5057A-15	Eco Valve 2	Ra < 1.0µm	Style B - Ferrule	Silicone	
5057A-16	Eco Valve 2	Ra < 1.0µm	Style B - Ferrule	EPDM	
5057B-11	1.0" Ferrule - Welds to down-pipe				
5057B-12	1.0" Clamp - Connects valve to ferrule				

# SteriSample

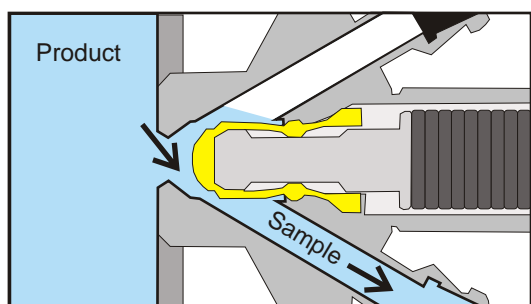
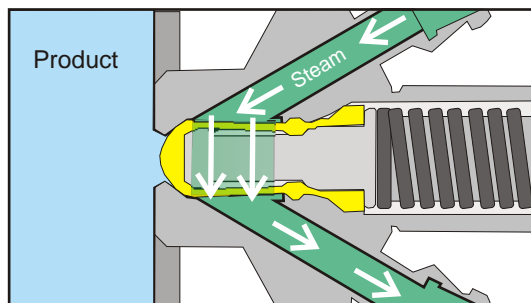
## Sterile In line Liquid Sampling Valve

Sampling Systems offer the world's leading range of aseptic in-line liquid sampling valves. These valves are specially designed for sampling sterile and high quality liquid products. Whether you are sampling from a tank or from a pipe there is a valve to suit.

SteriSample valves are widely used throughout the pharmaceutical, bio-technology, brewing, dairy and food industries.



## How the Valve Works



### 1. Sterilise

The valve is in the closed position.

Steam is introduced from the upper leg and is passed through the valve body.

This design allows the valve to be easily sterilised before and after each sample.

### 2. Take the Sample

The steam inlet is sealed off and a means of collecting the sample is attached the outlet.

The valve is then opened and the sample is able to flow from the pipe (or tank) through the valve and into the sample collecting vessel.

Note: A small volume of liquid will flow up the steam inlet pipe. This will be washed away when the valve is next sterilised.

## Construction Standards

- Valves are authorised to use the 3-A symbol
- Manufactured from 316L stainless steel
- Interior of valve body & hose pieces are polished to Ra 0.5µm (Ra 0.2µm if electro-polished)
- Seals made from FDA acceptable polymers

**Ideal for taking physical,  
chemical and micro-biological  
samples**



# Build your own Sampling Valve

## Step 1 - Choose your Valve Body



Valve bodies come in two sizes, the size of choice will depend upon the viscosity and particle sizes within your product.

### SteriSample Mini

Viscosity 0 - 500 cP  
Max particle size 2mm

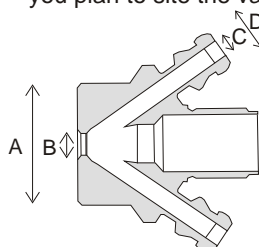
### SteriSample Maxi

Viscosity 0 - 1000 cP  
Max particle size 4mm

Please contact us if your liquid is more viscous than above

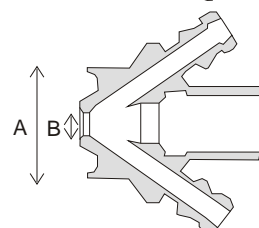
There are two designs of valve body - your choice will depend upon where you plan to site the valve

### Body Style 1 - for welding on to Tanks



Part No.	Size	A	B	C	D
4560T-1	Mini	28mm	5mm	4mm	10mm
4560T-2	Maxi	28mm	8mm	9mm	14mm

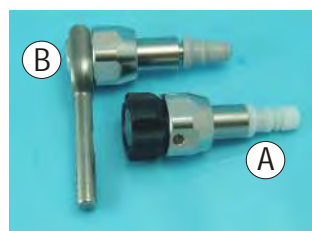
### Body Style 2 - for welding on to Pipes



Part No.	Size	A	B	C	D
4560P-1	Mini	25mm	5mm	4mm	10mm
4560P-2	Max	25mm	8mm	9mm	14mm

## Step 2 - Choose your Handle

There are two styles of handle. All handles will fit all valve bodies. The handle screws into the valve body.



### (A) Standard Handle

Rotate knob to open/close valve

### (B) Safety Handle

Removable key to prevent unauthorised sampling

Part No.	Description	Body Size
4560H-1	Standard Valve Head (A)	Mini
4560H-2	Standard Valve Head (A)	Maxi
4560H-3	Safety Valve Head (B)	Mini
4560H-4	Safety Valve Head (B)	Maxi

## Step 3 - Choose your Seal



The seal fits on the end of the handle piece. Seals are available in either PTFE (white) or silicone (grey).

Part No.	Description	Body Size
4560S-1	PTFE seal (D)	Mini
4560S-2	PTFE seal (D)	Maxi
4560S-3	Silicone seal (C)	Mini
4560S-4	Silicone seal (C)	Maxi

## Step 4 - Choose the Connectors



- Range of quick release connectors and blind ends for use with the valve bodies

	Mini Part No.	Maxi Part No.
<b>E</b> - Quick release connection for ss pipe	4560C-1	4560C-2
<b>F</b> - Quick release connection for PTFE pipe	4560C-3	4560C-4
<b>G</b> - Stainless Steel Plug - blind end	4560C-5	4560C-6
<b>H</b> - Rubber cap - blind end	4560C-7	4560C-8

## 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		

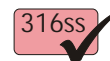


## Corer

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		

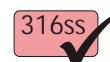


## MaxiCorer

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

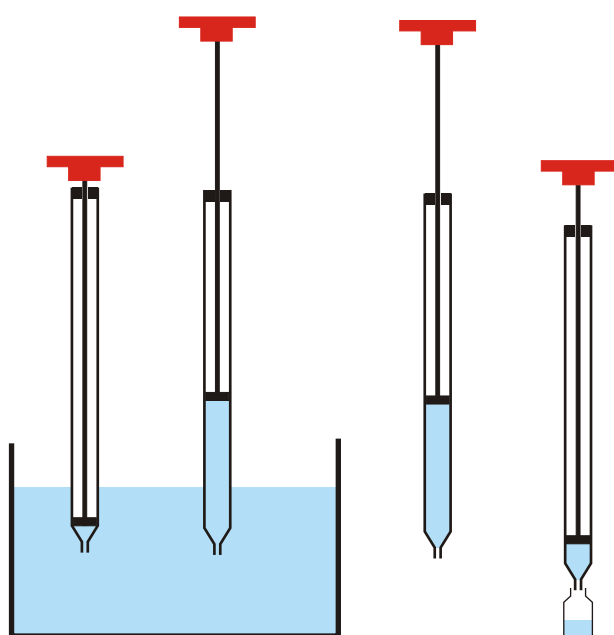


# Viscous Sampler

## 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



For low viscosity liquids (eg. water) use the Liquid Master



Sturdy, easy grip,  
T-bar Handle



Cleaning Ring  
Scrapes excess  
product from sampler.  
Can also be used as a  
depth gauge



Part No.	Length mm	Material of Construction	Max. Sample Volume			
7000P-600	600	PP	160ml			
7000P-1000	1000	PP	300ml			
7000P-2000	2000	PP	650ml			
7000T-600	600	PTFE	160ml			
7000T-1000	1000	PTFE	300ml			
7000T-2000	2000	PTFE	650ml			
7000S-600	600	316 stainless steel	160ml			
7000S-1000	1000	316 stainless steel	300ml			
7000S-1500	1500	316 stainless steel	450ml			
<b>Accessories</b>						
Cleaning Brushes - see page 82						
Storage Cases - see page 83						



NEXT DAY  
DELIVERY



NEXT DAY  
DELIVERY



NEXT DAY  
DELIVERY

For disposable Viscous Samplers please see pages 16 and 17



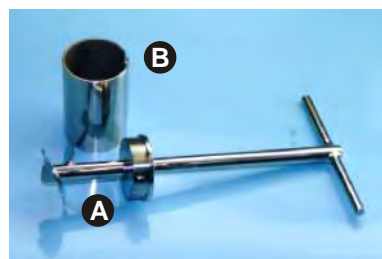
# Ice Sampler

## 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

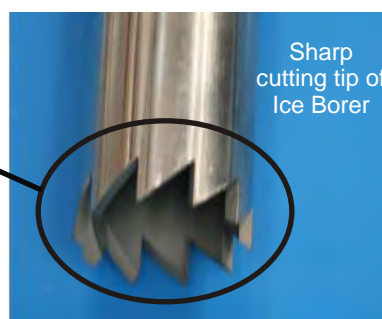


- (A) Scroll
- (B) Removable cylinder

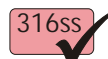
# Ice Borer

## Robust 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	Material
6005A-500	Ice Borer	500mm	316 stainless steel
6005A-1000	Ice Borer	1000mm	316 stainless steel
8570A-700	Sample Discharge Rod	700mm	316 stainless steel
8570A-1100	Sample Discharge Rod	1100mm	316 stainless steel



# Sample Preparation & Accessories



Sample Sieves

Dispensing Ware

Containers

# Sieve-It™

## Robust Sieve Shakers for particle size analysis

### Sieve-It™ Octagon

The Sieve-It Octagon is a 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
- Weight: 43kg
- Accommodates up to 8 full height sieves
- CE marked



Part No.	Description
8700A-01	Sieve-It Octagon - 230v 50hz
8700A-02	Sieve-It Octagon - 110v 60Hz

### Sieve-It™ Minor

The Sieve It Minor is ideal for low - medium use.

- Efficient, reproducible sieving action
- Quick release clamping system
- Power supply: 230v 50Hz or 110v 60Hz  
Other voltages & frequencies on request
- Simple timer. Vibration amplitude control
- Continuous or intermittent operation
- Low noise during operation. Affordable
- Light Weight only 17kg
- Accommodates up to 8 full height sieves
- CE marked



Part No.	Description
8700A-04	Sieve-It Minor - 230v 50hz
8700A-05	Sieve-It Minor - 110v 60Hz

### Test Sieves

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)

See next page for sizes



## Sieve It™ cont.



### Test Certificates

Every sieve is supplied with a Certificate of Conformity.



### 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

### 200mm Diameter Test Sieves

All Stainless Steel Sieves		Brass Frame & Stainless Mesh Sieves	
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



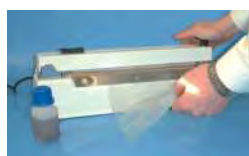
Other sieve  
diameters  
available on  
request

Sample Preparation

## 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



# 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: <ul style="list-style-type: none"> <li>1 x Etch-It power unit (requires 230v 50Hz)</li> <li>1 x Cassette of etching paper (3m paper per cassette)</li> <li>1 x Bottle of etching fluid - 1000ml</li> <li>1 x Set of leads for attaching to equipment to be etched</li> <li>1 x Electrolyte Applicator</li> <li>1 x Etch-It printer (requires 230v 50Hz or 8 Batteries size AA (R6) - not supplied)</li> </ul>
<b>Consumables:</b>	
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.	



Please contact us if you have any questions

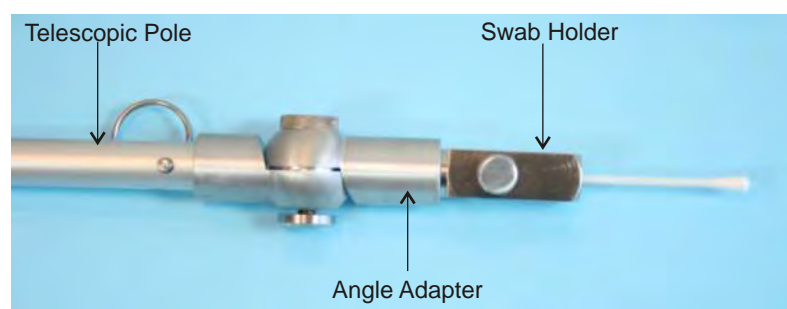
# TeleSwab

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

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.



## 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

Wrist Band - prevents operators from dropping the TeleSwab into the product.



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
<b>Spares</b>	
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
8505A-01	Storage Case

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

## 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
- Radius corners
- Crevice free construction
- Satin finish
- Robust handle

Part No.	Disc Diameter	Handle Length
A516-120	120mm	240mm

## 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

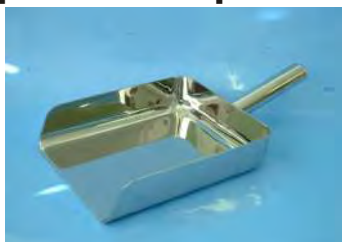


- 304 stainless steel
- Crevice free & satin finish
- Robust construction

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

## Square Scoops



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

Part No.	Nominal Capacity
A366-1	1.5 litres

## 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

## 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
A326-50	50ml	316 ss
A326-150	150ml	316 ss

## Bailers



- 316 stainless steel construction
- Crevice free
- Satin finish

Part No.	Nominal Volume	Bowl Diameter
A296-1	1 litre	150mm
A296-2	2 litres	200mm
A296-4	4 litres	250mm

## Economy Scoops



- 304 stainless steel
- Light duty construction

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

Part No.	Nominal Capacity	Diameter
A304-120	0.12 litres	50mm
A304-450	0.45 litres	75mm
A304-1000	1 litres	105mm
A304-1500	1.5 litres	120mm
A304-2000	2 litres	150mm

## 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
A246-150	316	150mm	18mm

## Stainless Clipboard



- 304 stainless steel
- Robust construction
- Suitable for A4 and Letter size paper

Part No.	Width	Length
A804-1	230mm	355mm

## 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

## Mini-Pots



- Multi purpose small volume containers
- 316 stainless steel
- Crevice free interior
- Screw on lid
- Satin finish
- Water tight - no extra seal required

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

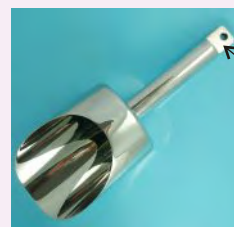
## Clamp Containers New



- 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.	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

## Earthing Lugs



Earthing lug welded to the handle of a 500ml 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. Includes welding to device

## Mini-Drums & Storage Containers

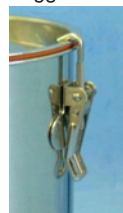
- Multi purpose containers
- Crevice free interior
- Close fitting recessed lid with handle
- Flat bottom with chime ring to give added protection
- Complete with lid (toggle clamps & 'O' ring are extra)

### Handles

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

### Options

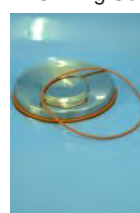
#### Toggle Clamps -



To secure the lid we recommend the use of toggle clamps

Use 3 toggle clamps per Mini-Drum

#### 'O' Ring Seals -



Available in:  
Silicone  
Viton  
Nitrile



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



304 Stainless Steel Part No.	316 Stainless Steel Part No.	Nominal Volume	Height	Diameter Volume
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



## PP Bottles



- Polypropylene body & cap
- Sterilisable
- Screw-on cap
- White opaque

Part No.	Nominal Volume
8180A-12	12ml
8180A-25	25ml
8180A-60	60ml
8180A-90	90ml
8180A-120	125ml
8180A-250	250ml
8180A-600	600ml
8180A-1000	1000ml
8180A-1500	1500ml

## LDPE Bottles



- LDPE body & cap
- Translucent
- Screw-on cap
- Sterilisable

Part No.	Nominal Volume
8125A-50	50ml
8125A-100	100ml
8125A-200	200ml
8125A-250	250ml
8125A-500	500ml
8125A-1000	1000ml

## Tamper Cap Bottles



- HDPE body & cap
- Translucent
- Screw-on tamper evident cap
- Narrow neck

Part No.	Neck Diameter	Nominal Volume
8130A-100	17mm	100ml
8130A-250	17mm	250ml
8130A-500	17mm	500ml
8130A-1000	17mm	1000ml
8130A-2500	28mm	2500ml

## Aluminium Bottles



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

Part No.	Nominal Volume
8110A-60	60ml
8110A-120	120ml
8110A-300	300ml
8110A-600	600ml
8110A-1200	1200ml

## Tamper Cap Bottles - UN



- HDPE body & cap
- Translucent
- Screw-on tamper evident cap
- UN Approved for solids\*
- Wide neck

Part No.	Neck Diameter	Nominal Volume
8135A-100	28mm	100ml
8135A-250	32mm	250ml
8135A-500	45mm	500ml
8135A-750	54mm	750ml
8135A-1000	54mm	1000ml
8135A-1500	80mm	1500ml
8135A-2500	80mm	2500ml
8135A-4000	80mm	4000ml

\* Contact Sampling Systems for details of UN Approval

## Square Bottles



- HDPE bottle & Cap
- Ribbed sides to aid handling
- Translucent
- Screw on cap

Part No.	Nominal Volume
8165A-250	250ml
8165A-500	500ml

## Sample Bottle Carrier



- Durable plastic construction
- Two sizes available (for 6 and 8 bottles)

Part No.	Capacity	Max. Bottle Diameter
8003A-6	6 bottles	95mm
8003A-8	8 bottles	110mm

## Grab-It Swab Holder



- Ideal for holding cloth swabs
- Lightweight aluminium & plastic construction
- 750mm long

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

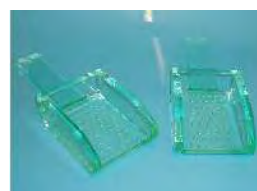
## Tablet Counting Triangle



- 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

## 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

## 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



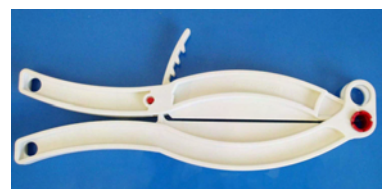
Part No.	Sealing Length	Qty Per Bag
8219A-110	110mm	100
8219A-220	220mm	100

## 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	2400x140x140mm



# Sampler Rack

Our sampling rack is ideal for hanging up samplers when not in use. 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



## PTFE Labware

### PTFE Funnel



- Crevice free interior
- Heavy wall construction

### PTFE Pot



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

### PTFE Bottle



- Multi purpose bottle & cap
- 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

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

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

## 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

## Bailer



- PP Construction
- Crevice free design
- Smooth finish

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

## Scrapers



- PP Construction
- Crevice free design
- 2 convenient sizes

Part No.	Head Width	Overall Length
8229P-75	75mm	205mm
8229P-100	100mm	250mm

## Pallet Knife



- PP Construction
- Crevice free design
- Robust

Part No.	Width	Length
8334P-40	40mm	421mm

## 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-40	40mm	5mm
8022P-100	100mm	10mm
8022P-200	200mm	25mm
8022P-350	350mm	40mm
8022P-450	450mm	35mm



## Tablet Counting Trays

See page 81

# UA Labels

Ultra Adhesive Labels - They're very, very sticky!



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

UA-Labels are available in two standard sizes and with a range of different printed fronts.

All standard labels are kept in stock so that they are available for next day delivery.

Please see the Pharma-Labels on page 88 if you require labels with an FDA approved adhesive.

**DISPENSED**

Container ☐ of ☐

Material

Batch / Lot Number

Expiry Date  Part Number

Quantity  Initials & Date

**RELEASED**

Container ☐ of ☐

Material

Batch / Lot Number

Expiry Date  Part Number

Quantity  Initials & Date

**QUARANTINE**

Container ☐ of ☐

Material

Batch / Lot Number

Expiry Date  Part Number

Quantity  Initials & Date

**IN-PROCESS**

Container ☐ of ☐

Material

Batch / Lot Number

Expiry Date  Part Number

Quantity  Initials & Date

**REJECTED**

Container ☐ of ☐

Material

Batch / Lot Number

Expiry Date  Part Number

Quantity  Initials & Date

**SAMPLED**

Container ☐ of ☐

Material

Batch / Lot Number

Expiry Date  Part Number

Quantity  Initials & Date

## 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 label was intact, it was securely attached to the bag and could be written on using a ball point pen.



- Label size 95mm x 95mm or 150mm x 150mm
- Very high tack - will even stick on very dusty surfaces
- Variety of colours
- Large writing area
- Discounts available for bulk orders
- Huge range of designs
- Working Temperature Range -20 to +70°C (-5 to +160°F)

**Try before you buy!**

Please give us a call for your free trial pack

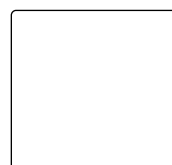


## UA Labels cont.

### Standard Labels 95mm x 95mm



Part No.	Colour	Text	Number of Labels per Roll
8220A-01	Red	Quality Control	500
8220A-02	Green	Quality Control	500
8220A-03	Yellow	Quality Control	500
8220A-04	Blue	Quality Control	500
8220A-05	Black	Quality Control	500
8220A-06	White	n/a	500
8220A-30	Green	Released	500
8220A-31	Blue	Sampled	500
8220A-32	Orange	Quarantine	500
8220A-33	Black	Rejected	500
8220A-34	Yellow	In Process	500
8220A-35	Red	Dispensed	500
8220A-07	Label Dispenser - for standard 95 x 95mm labels		



### Large QC Labels 150mm x 150mm



Part No.	Colour	Text	Labels Per Roll
8220A-001	Red	Quality Control	250
8220A-002	Green	Quality Control	250
8220A-003	Yellow	Quality Control	250
8220A-004	Blue	Quality Control	250
8220A-005	Black	Quality Control	250
8220A-006	White	n/a	250
8220A-17	Label Dispenser - for large 150 x 150mm labels		

## Custom UA Labels

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

- Custom labels to your design specification
- Available as PharmaLabels (see page 88) 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



Your Company Name

Product:

Batch No.:

Exp Date:

Your company address



Typical Label Designs

# Pharma-Labels

## Labels with an FDA acceptable adhesive

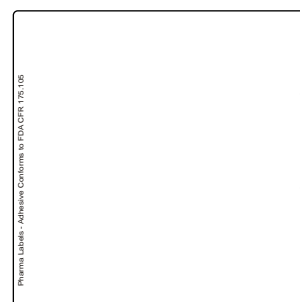
Pharma-Labels are a range of paper labels with a special FDA acceptable adhesive. Pharma-Labels are ideal for applications where the adhesive might come into contact with the product.

- Write on labels
- Medium strength adhesion
- FDA acceptable adhesive (CFR175.105)
- Range of colours
- 500 labels per roll
- Working Temperature Range -40 to +70°C (-40 to +160°F)



**Try before you buy!**

Please give us a call for your free trial pack



Part No.	Colour	Text	Label Dimensions	Labels Per Roll
8220P-01	Red	Quality Control	95 x 95mm	500
8220P-02	Green	Quality Control	95 x 95mm	500
8220P-03	Yellow	Quality Control	95 x 95mm	500
8220P-04	Blue	Quality Control	95 x 95mm	500
8220P-05	Black	Quality Control	95 x 95mm	500
8220P-06	White	n/a	95 x 95mm	500
8220P-001	Red	Quality Control	150 x 150mm	250
8220P-003	Yellow	Quality Control	150 x 150mm	250
8220P-006	White	n/a	150 x 150mm	250
8220A-07	Label Dispenser - for 95mm x 95mm labels			
8220A-17	Label Dispenser - for 150mm x 150mm labels			



**NEXT DAY  
DELIVERY**

**For Ultra Adhesive Labels see pages 86 & 87**

# 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



Accessories

# Tamper Tape

## Maintain the Integrity of your Products

Tamper Tape prevents unauthorised access from it going un-noticed. When the tape is peeled off a 'Void' message is left behind. If the tape is then replaced the container is easily identified as having been tampered with.



Part No.	Text Colour	Size	Perforated	Rolls per Box
8225A-01	Blue	50m x 55mm	152mm intervals	1



Tape can not be peeled and then replaced without it being obvious

# Sign

## Quality Sign to Show Sampling Area

The Sampling sign is a high quality sign that identifies the sampling area.

- Special designs and text available
- Manufactured from rugged, waterproof plastic for durability
- Smooth finish for easy cleaning



Part No.	Text Colour	Text	Size
8275A-01	Green	Sampling Area	500mm x 290mm
8275A-02	Green	Zone Prelevement	500mm x 290mm
8275A-03	Green	Area Di Campionamento	500mm x 290mm



**Custom Signs on Request**  
Contact us with your requirements



# Water Sampling Bottles

High Quality Sample Bottles with Sodium Thiosulphate

**New**



Water sampling bottles need to be made to the highest standards so as not to alter the results of your sampling.

The bottles are treated with sodium thiosulphate which inhibits the effects of chlorine in the water sample.

- Translucent polythene(PE) ensuring good visibility of sampled material
- Space saving square base
- Tamper evident screw caps
- Graduated every 50ml
- Ionised at 10kgy to ensure cleanliness within the bottle
- Treated with sodium thiosulphate to standard ISO 19458 (water quality and sampling for microbiological analysis)
- 2 year shelf life



Part No.	Capacity	Dimensions	Inside Neck Diameter	Quantity per Box
8190A-500	500ml	70 x 70 x 180mm	29mm	100

Other sizes available on request

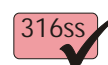
# Sample Splitter

**New**



Sample Splitters are used to divide the initial sample into two sub-samples. The device is designed so that the sub-samples are representative of the initial sample.

- All 316 stainless steel construction
- Dimensions: 132 x 110 x 156mm



Part No.	Description
8600A-01	Sample Splitter - 316ss

# Chemical Resistance Chart

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



## Terms and Conditions

- All prices are available in Sterling (£), Euro (€) and US Dollars (\$).
- Prices exclude VAT, delivery and packing which are charged at cost.
- We accept payment by MasterCard and Visa.
- Accounts can be set up on request, please ask for details.
- Contact Sampling Systems for a copy of our full Terms and Conditions.
- Prices and specifications may be subject to change without prior notice.



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