

**AccuPod®**  
Minimise Sampling Error



The AccuPod® is the next generation in sampling technology. It combines a single use disposable Pod with a reusable stainless steel sample thief.

The AccuPod® is designed to minimise sampling error which can occur when a sample is transferred from one container to another. With the AccuPod® the sample remains in the pod until it is needed in the laboratory.

The AccuPod® is ideal for sampling free flowing powders and granules.



**Coming soon please contact us for availability**

The AccuPod® is simple to use.

- Insert the Pods into the sample thief
- Take sample
- After sampling click the lids onto the Pods
- Take the Pods to the laboratory
- Slide off the lid to access the sample



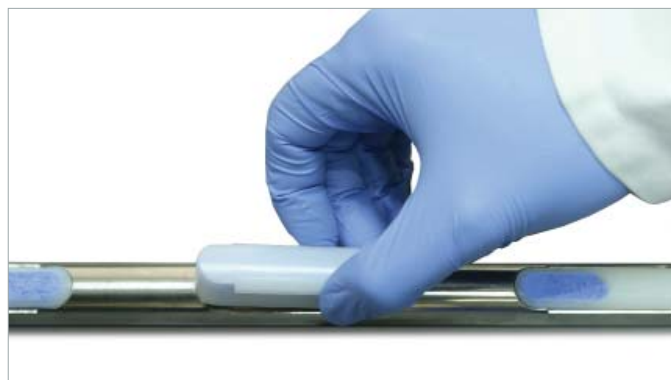
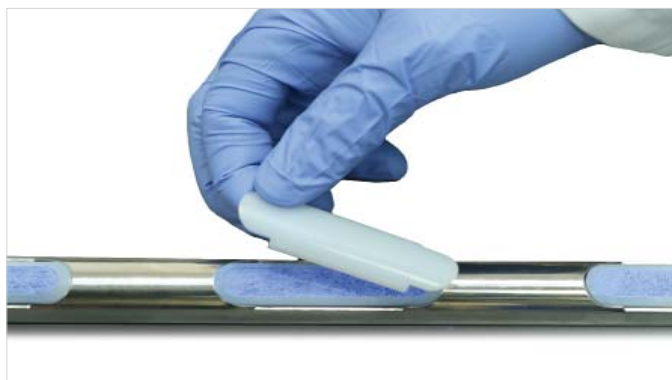
**On Line Video**

To find out more about the AccuPod® please visit

[www.sampling.com/product\\_channel](http://www.sampling.com/product_channel)



# It's as easy as 1, 2, 3



Powders Multi Level Sampling

## Pods

- Made from FDA, EU and EC compliant HDPE
- Initially available in 1ml and 5ml sizes. Other sizes to follow - please contact us for details
- Supplied with lid (lid supplied loose in the bag)
- Individually bagged
- Made in a Class 8 (class 100,000) cleanroom
- Available pre sterilised (gamma irradiation)



Part No.	Nominal Volume	Sterile	Material	Pack Size
8360T-10	1ml	No	HDPE	50
8360T-10S	1ml	Yes	HDPE	50
8360T-50	5ml	No	HDPE	50
8360T-50S	5ml	Yes	HDPE	50

## AccuPod® Sample Thief

- Made from 316L stainless steel
- Available in a range of different lengths
- Available from stock
- 25mm Diameter
- Samplers with a bespoke number of ports available on request

### Single Port

Part No.	Sampler Length	No. of Ports
1360A-601	600mm	1
1360A-1001	1000mm	1
1360A-1501	1500mm	1
1360A-2001	2000mm	1

### Multi Port

Part No.	Sampler Length	No. of Ports
1360A-603	600mm	3
1360A-1003	1000mm	3
1360A-1503	1500mm	3
1360A-2003	2000mm	3



## Unit Dose Sample Thief

Unit Dose Sampling made easy

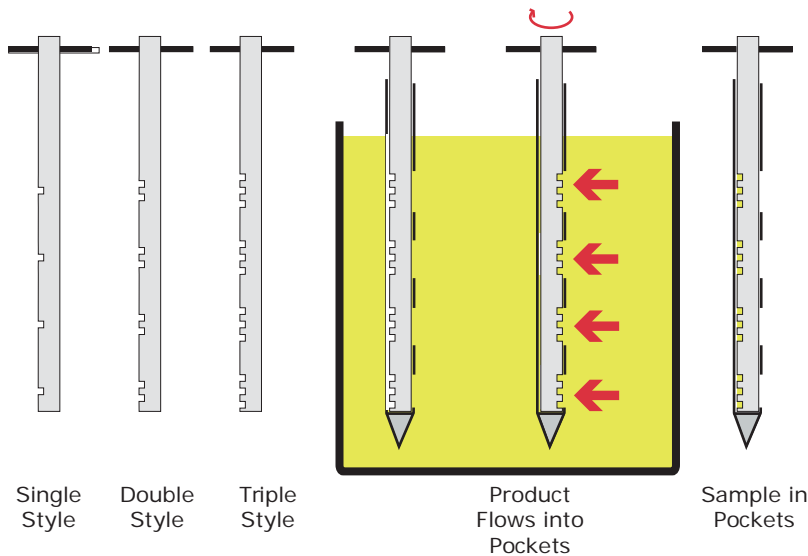
The Unit Dose Sample Thief is a highly versatile sampler for taking multiple samples at multiple heights within the product.

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

- Multilevel Unit Dose Sampling
- Ideal for sampling free flowing powders and granules
- Take one, two or three samples at each sampling height
- 316L stainless steel



Above - Triple Style Sampler



### Operation:

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

### Note:

Maximum sample volume is 3ml per pocket

### Ordering -

This sampler is made to order.

To place an order let us know:

- Length of sampler
- Number of sampling positions
- Number of samples to be taken at each sampling position (Do you require a Single, Double or Triple style sampler?)
- Volume of each sample

Please contact us to discuss your requirements.

## Sample Containers

For a complete range of sample bottles and containers please see pages 135-151.



## 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 22mm (Standard U-D Master) and 13mm (Micro U-D Master - please contact us for info).

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



Sample Inserts are available in a range of sizes from 0.1ml to 4.0ml, plus blank inserts



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



Single style sampler

Double style sampler

### **SINGLE Style Sampler**

Collects ONE set of samples at each sampling point.

### **DOUBLE Style Sampler**

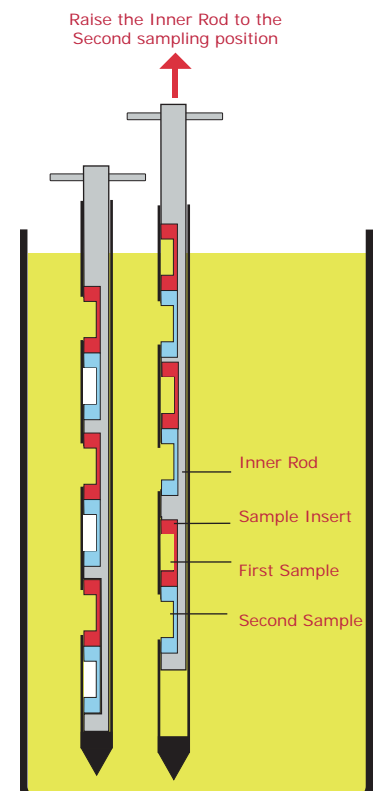
Collects TWO sets of samples at each sampling point.

### **TRIPLE Style Sampler**

Collects THREE sets of samples at each sampling point.

### **Operation:**

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



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



**U-D Master**  
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Sample Inserts are stamped with their volume for easy identification

Choose the right inserts to get the required sample volume

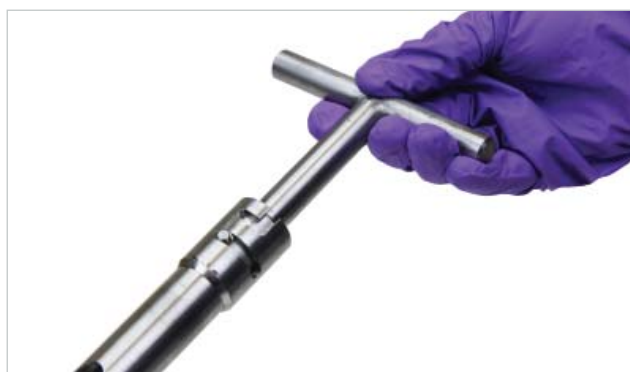
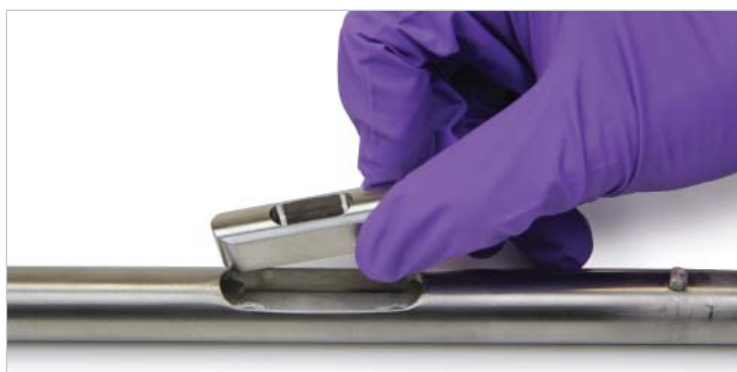


	Part No.	Sampler Length	Sampler Diameter	Number of Sampling Points	No. of Sampling Cells needed
<b>SINGLE</b> Style Sampler	1230A-300	300mm	22mm	5	5
	1230A-600	600mm	22mm	10	10
	1230A-900	900mm	22mm	6	6
	1230A-1200	1200mm	22mm	8	8
	1230A-1500	1500mm	22mm	10	10
	1230A-1800	1800mm	22mm	12	12
<b>DOUBLE</b> Style Sampler	1230B-600	600mm	22mm	5	10
	1230B-900	900mm	22mm	7	14
	1230B-1200	1200mm	22mm	8	16
	1230B-1500	1500mm	22mm	10	20
	1230B-1800	1800mm	22mm	12	24
<b>TRIPLE</b> Style Sampler	1230C-900	900mm	22mm	5	15
	1230C-1200	1200mm	22mm	7	21
	1230C-1500	1500mm	22mm	8	24
	1230C-1800	1800mm	22mm	10	30

**Sample Inserts**

Sample Inserts are available in 0.1ml increments from 0ml to 4ml.  
 Part Number is 1230T-XX (where XX = Cell Volume)  
 For Example - The Part Numbers for 1.2ml and 0.5ml Inserts are : 1230T -12 and 1230T-05 respectively  
 1230T-00 = Blank Insert

Accessories		
	Cleaning Brushes	See page 184
	Storage Case	See pages 186-187
	XRF certification	See page 196



## UD Tablet Maker

After Sampling make a Tablet to reduce Sampling Error

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

Special Split Sample Cells need to be used in place of the standard sample cells. (Note: These inserts will only work with the standard 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 (see pages 78-79)



Split Sample Inserts



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



## Over 1 Million Stock Items

At our state of the art warehouse we keep over 1 million items in stock. Stock is controlled by the latest software so we can ship 95% of orders on the day the order is placed.

**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.

- Suitable for sampling low to medium viscosity liquids.
- Ideal for low volume (unit dose) sampling.
- Made from Sampler body - 316 stainless steel, Syringe - PP & PE

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

**Operation**



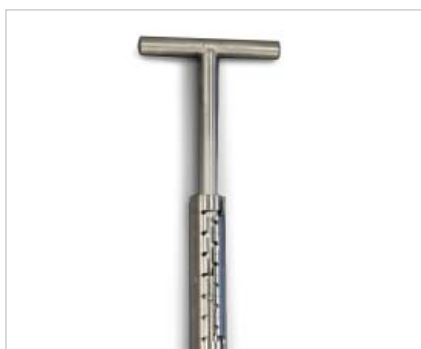
1. Select a new syringe



2. Connect the syringe to the push rod



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



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



Liquid Samplers



5ml U-D Doser		30ml U-D Doser		60ml U-D Doser	
Part No.	Length	Part No.	Length	Part No.	Length
5010A-600	600mm	5010B-600	600mm	5010C-600	600mm
5010A-1200	1200mm	5010B-1200	1200mm	5010C-1200	1200mm
5010A-1800	1800mm	5010B-1800	1800mm	5010C-1800	1800mm
Spare - 5ml syringes		Spare - 30ml syringes		Spare - 60ml syringes	
5010S-05	Pack of 100	5010T-30	Pack of 56	5010T-60	Pack of 40
Options	Cleaning brushes	See page 184			
	Storage cases	See pages 186-187			
	XRF Certification	See page 196			