

## MicroThief

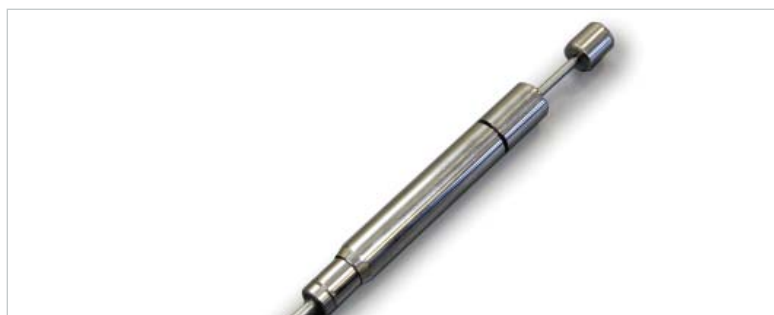
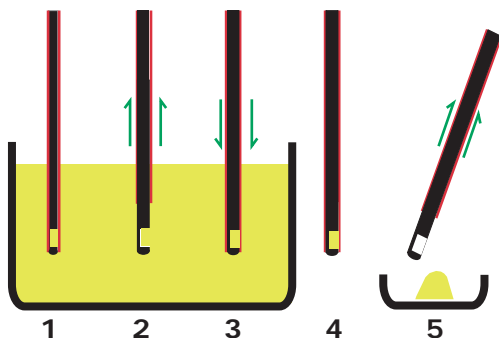
### Ultra Low Volume Powder Thief

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 316L stainless steel
- Adjustable - takes a range of sample sizes
- Simple to 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.
5. Pull up body to release the sample.



Part No.	Nominal Sample Volume	Max. Sampling Depth	Material	Overall Diameter
1074A-350	Variable between 0.01 and 0.1ml	350mm	316L ss	5mm
1074A-500	Variable between 0.01 and 0.1ml	500mm	316L ss	5mm

Storage Cases See pages 186-187

XRF Certification See page 196

## MicroMate

### Ultra Low Volume Powder Sampler

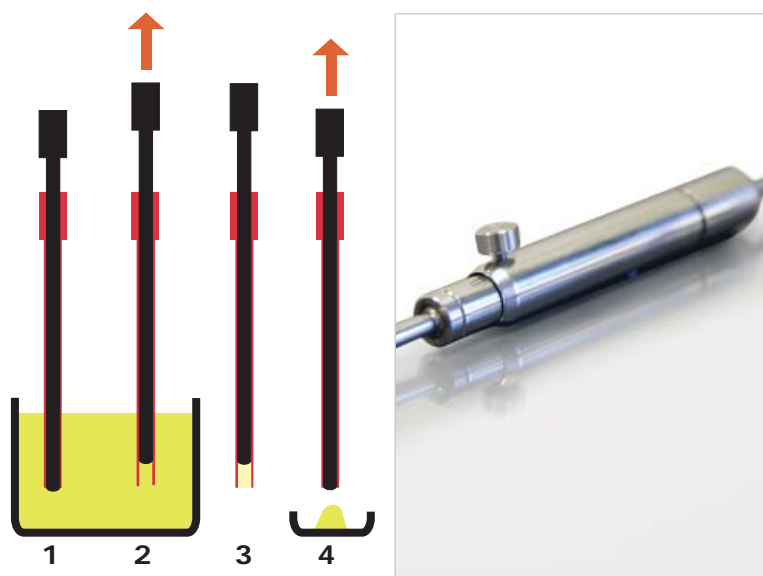
The MicroMate is designed for low volume sampling of free flowing powders and granules. It is ideal for very low volume unit dose sampling.

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

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

#### Operation

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



Powders Single Level Sampling



1070A-350



Part No.	Nominal Sample Volume	Max. Sampling Depth	Material	Overall Diameter
1070A-350	Variable - up to 0.1ml	350mm	316L ss	5mm
1070A-500	Variable - up to 0.1ml	500mm	316L ss	5mm

Storage Cases See pages 186-187

XRF Certification See page 196

## U-D Sleeve Sampler

The Accurate Unit Dose Powder Sampler

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

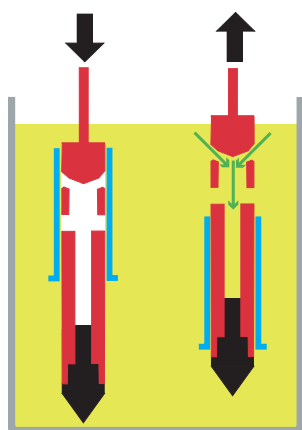
- Single Point Unit Dose Sampler
- Suitable for use with free flowing powders and granules
- 316L stainless steel
- Use extension rods to increase the length of the sampler

### Operation

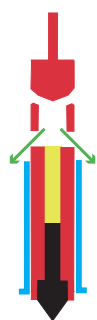
1. Insert the sampler into the product.
2. At the required depth pull up the sampler slightly (this upwards action will force the sleeve down the sample chamber and expose the ports) the product can then fall into the sample chamber.
3. As the sampler is removed the excess powder will fall out of the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



U-D Sleeve Sampler Set (1500S-01) - The set includes a range of 10 interchangeable tips to allow different sample volumes to be taken. Extension rods allow samples to be taken from a depth of up to 3m.



Push Sampler into the product  
 Pull up the Sampler



Self-levelling for an accurate sample volume



Different Volume Sampling Tips can be fitted to the same chamber



Part No.	Description
1500S-01	U-D Sleeve Sampler Set
	Includes: 1 x T-bar handle - 600mm 4 x handle extension rods - 600mm 1 x Type 1 sample chamber (for Tips 0.1 to 1.2ml) 1 x Type 2 sample chamber (for Tips 1.3 to 2.5ml) 10 x Sampling tips* (0.1ml to 2.5ml - see below) 1 x High Quality Sampler Case - lockable
1500A-01	T Bar Handle 600mm
1500A-02	Handle Extension 600mm
1500A-03	Sample Chamber - Type 1 (for Tips 0.1 to 1.2ml)
1500A-04	Sample Chamber - Type 2 (for Tips 1.3 to 2.5ml)
1500C-01	High Quality Sampler Case - lockable - with cut outs for sampler components
XRF Certification	XRF Certification (See page 196)
<b>Sampling Tips</b>	
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.)	
<b>How to Order a Tip:</b>	
Use part number Example:	1500W-XX where XX is the tip size 1500W-07 0.7ml tip 1500W-23 2.3ml tip

\* When ordering 1500S-01 please list the ten Sampling Tips that you require

## U-D Cohesive Sampler

Unit Dose Sampler for Cohesive Powders

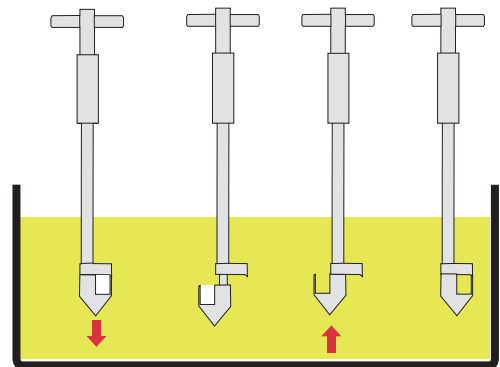
A popular sampler in the pharmaceutical industry for taking low volume (unit dose) cohesive powder samples. Allows accurate samples to be taken.

- Single Point Unit Dose
- 316L stainless steel
- Suitable for use with sticky, cohesive powders



### 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 slightly (to fill the cell), then rotate handle 180° (to lock cell in closed position).
4. Remove sampler



Sample Collecting Cells are available in a range of standard sizes.



2000T-25



2000T-50



2000T-75



2000T-100



Part No.	Description
2000S-01	U-D Cohesive Sampler Set - consisting of: 1 off Handle, Sample Cells - 1 each of: 0.25ml, 0.5ml, 0.75ml and 1.0ml 1 off Standard Sampler Case
2000A-1000	Sampler body with 1000mm handle length - 316L ss
2000T-025	Sample Collecting Cell 0.25ml - 316L ss
2000T-050	Sample Collecting Cell 0.5ml - 316L ss
2000T-075	Sample Collecting Cell 0.75ml - 316L ss
2000T-100	Sample Collecting Cell 1.0ml - 316L ss
8020N-1100	Cleaning Brush - 1100mm length - narrow style
	Storage Cases - see pages 186-187
	XRF Certification - See page 196