



**QAQC LAB**

www.qclabequipment.com

## UD 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 - please contact us for info).

- Manufactured from 316 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



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

Sample Inserts are available in a range of sizes from



### **SINGLE Style Sampler**

Collects ONE set of samples at each sampling point.

### **DOUBLE Style Sampler**

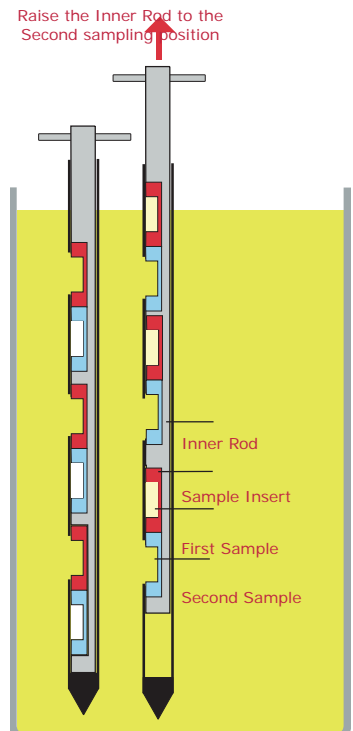
Collects TWO sets of samples at each sampling point.

### **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.



## UD Master

Cont.....

Sample Inserts are stamped with their volume for easy identification

Choose the right inserts to get the required sample volume



### QUICK QUOTE

### ONLINE PRICING

	Stock No.	Sampler Length	Sampler Diameter	Number of Sampling Points	Number of Sampling Cells Needed
<b>Single</b> Style Sampler	675 1230A300	300mm	25mm	5	5
	675 1230A600	600mm	25mm	10	10
	675 1230A900	900mm	25mm	6	6
	675 1230A1200	1200mm	25mm	8	8
	675 1230A1500	1500mm	25mm	10	10
	675 1230A1800	1800mm	25mm	12	12
<b>Double</b> Style Sampler	675 1230B600	600mm	25mm	5	10
	675 1230B900	900mm	25mm	7	14
	675 1230B1200	1200mm	25mm	8	16
	675 1230B1500	1500mm	25mm	10	20
	675 1230B1800	1800mm	25mm	12	24
<b>Triple</b> Style Sampler	675 1230C900	900mm	25mm	5	15
	675 1230C1200	1200mm	25mm	7	21
	675 1230C1500	1500mm	25mm	8	24
	675 1230C1800	1800mm	25mm	10	30

Free Flowing Powder

### Sample Inserts

Sample Inserts are available in 0.1ml increments from 0ml to 4ml.  
 Part Number is 675 1230T-XX (where XX = Cell Volume)  
 For Example - The Part Numbers for 1.2ml and 0.5ml Inserts are : 675 1230T -12 and 675 1230T-05 respectively  
 675 1230T-00 = Blank Insert



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UD Master Window Locations												
Locations (in inches) – Distance from Tip of Sampler												
Part No.	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
675 1230A300	1.50	3.75	6.00	8.25	10.50							
675 1230A600	1.50	3.75	6.00	8.25	10.50	12.75	15.00	17.25	19.50	21.75		
675 1230A900	1.50	7.50	13.50	19.50	25.50	31.50						
675 1230A1200	1.50	7.50	13.50	19.50	25.50	31.50	37.50	43.50				
675 1230A1500	1.50	7.50	13.50	19.50	25.50	31.50	37.50	43.50	49.50	55.50		
675 1230A1800	1.50	7.50	13.50	19.50	25.50	31.50	37.50	43.50	49.50	55.50	61.50	67.50
Part No.	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
675 1230B600	3.50	7.75	12.00	16.25	20.50							
675 1230B900	3.50	7.75	12.00	16.25	20.50	24.75	29.00					
675 1230B1200	3.50	9.00	14.50	20.00	25.50	31.00	36.50	42.00				
675 1230B1500	3.50	9.00	14.50	20.00	25.50	31.00	36.50	42.00	47.50	53.00		
675 1230B1800	3.50	9.00	14.50	20.00	25.50	31.00	36.50	42.00	47.50	53.00	58.50	64.00
Part No.	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10		
675 1230C900	5.50	11.75	18.00	24.25	30.50							
675 1230C1200	5.50	11.75	18.00	24.25	30.50	36.75	43.00					
675 1230C1500	5.50	11.75	18.00	24.25	30.50	36.75	43.00	49.25				
675 1230C1800	5.50	11.75	18.00	24.25	30.50	36.75	43.00	49.25	55.50	61.75		

Outer diameter of sampler = 1”