



## Tools for Sample Handling

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Note: Sterilized products are not returnable



## **Sterileware® Sample Handling Tools**

SP Bel-Art® Sterileware® brand of sterile sample handling tools has more than doubled with the addition of multiple powder and liquid sampling tools, as well as select double bagged products for use in multi-zone clean rooms.

All Sterileware® Sample Handling Tools Are:

- Made from FDA and EU conforming materials; safe for food, drug and cosmetic use
- Manufactured under clean room conditions
- Gamma irradiated sterile (SAL  $10^{-6}$ )
- Heat sealed in individual polyethylene bags
- Lot stamped for accurate tracing

The following page features a product selection guide to help you quickly identify the ideal sterile sampling tool to meet your needs. Product details are on pages 5-21.

# Sterile Sampling – Product Selection

## Sterileware Products

		Page Number	Product Size Range	Product Material	Available Double Bagged	Long Handle	Designed to Keep Hands Further Away from Sample	Can be Used as a Weight Boat	External Container Included
SCOOPS	Pharma Scoops - White - <b>New</b>	5	30-2500ml	PS			•		
	Pharma Scoops - Red - <b>New</b>	5	30-2500ml	PS			•		
	Flat Bottom Sampling Scoops - <b>New</b>	6	25-1000ml	PS			•	•	
	Sterile Sampling Scoops - White	7	60-250ml	PS	•	•	•	•	
	Sterile Sampling Scoops - Red	7	60-250ml	PS		•	•	•	
	Sense-able Scoops® Metal Detectable	8	60-250ml	PS, SS		•	•	•	
	Bent Handle Sterile Scoops	8	60-125ml	PS			•	•	
	Sterile Scoop Sampling System	9	60-125ml	PS	•	•	•	•	•
	Scoop an' Bag Sterile Sampler	10	60ml	PS		•	•	•	•
	Samplit Scoop and Container System	10	190ml	PS					•
	Economy Sampling Scoops	11	63-250ml	PS				•	
SPOONS	Oval Sampling Spoons - <b>New</b>	11	3-10 ml	PS		•	•		
	Volumetric Sampling Spoons - <b>New</b>	12	1-20ml	PE		•	•		
	Long Handle Sampling Spoons	13	1.25-14.79ml	PS	•	•	•		
	Extra-Long Handle Bent Spoons - <b>New</b>	13	10-20ml	PE		•	•		
	Large Sampling Spoon	14	30ml	PS		•	•		
	Economy Sample Spoons	14	1.25-20ml	PS				•	

## Sterileware Products

		Page Number	Product Length Range	Product volume range	Product Material	Bulk Sampling	Set Volume Sampling	Targeted Sample	Cross-Sectional Sampling
POWDER SAMPLERS	Cupped Powder Spatulas - White - <b>New</b>	15	23-33cm	20-40ml	PS	•		•	
	Cupped Powder Spatulas - Blue - <b>New</b>	15	23-33cm	20-40ml	PP	•		•	
	Sampling Spatulas	15	22.9-35.6cm	15-23ml	PS	•		•	
	Powder Lance Samplers - <b>New</b>	16	40-95cm	75-200ml	PE	•			•
	Powder Probe Samplers - <b>New</b>	16	61.5-96.5cm	125-200ml	PE	•			•
	Powder Thieves - <b>New</b>	17	50-100cm	1-20ml	PE		•	•	
	Single Slot Powder Samplers - <b>New</b>	17	62-97cm	50ml	PE		•	•	
	Powder Funnels - <b>New</b>	18	n/a	49-784ml	PP				
LIQUID SAMPLERS	Liquid Thieves - <b>New</b>	18	50-100cm	100-190ml	PE	•		•	
	Jumbo Sampling Pipettes - <b>New</b>	19	45-110cm	80-225ml	PE	•		•	
	Cross-Sectional Liquid Samplers - <b>New</b>	19	45-110cm	80-225ml	PE	•			•
	Upright Handle Dipper / Ladle - White - <b>New</b>	20	26cm	50ml	PE		•		
	Upright Handle Dipper / Ladle - Blue - <b>New</b>	20	26cm	50ml	PP		•		
OTHERS	Triangular Scraper - <b>New</b>	20	22.5cm	n/a	PE				
	Sterile Sampling Knife	21	20.9cm	n/a	PS				
	Mini Tongs	21	11cm	n/a	PS				

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## All Sterileware® Sample Handling Tools Are:

- Made from FDA and EU conforming materials; safe for food, drug and cosmetic use
- Gamma irradiated sterile (SAL 10<sup>-6</sup>)
- Heat sealed in individual polyethylene bags
- Lot stamped for accurate tracing

## Sterileware® Pharma Scoops

**NEW**

### For Pharmaceutical, Food, Cosmetic, and Chemical Companies

- Ideal for both production work and laboratory use
- High handle location keeps hand further from sample
- Bright red scoops reduce the chance of scoop being left behind in a sample; can serve as code to avoid cross contamination; can provide contrasting background for light colored samples



Brightly Colored to Stand Out

 See page 44



VWR Cat. No.	Nominal Capacity	Bowl Dimensions (L X W X H)	Handle Length	Quantity / Pack
<b>White</b>				
76402-860	30ml (1oz)	5.2 x 4 x 2cm (2 x 1 5/8 x 3/4")	10.1cm (4")	100
76402-862	60ml (2oz)	7.2 x 4.9 x 2.8cm (2 7/8 x 2 x 1 1/8")	10.6cm (4 1/4")	100
76402-864	125ml (4oz)	9.2 x 6.1 x 4.5cm (3 5/8 x 2 3/8 x 1 3/4")	10.4cm (4 1/8")	100
76402-866	250ml (8oz)	10.5 x 8.1 x 5cm (4 1/8 x 3 1/4 x 2")	10.4cm (4 1/8")	85
76402-868	500ml (17oz)	13.1 x 9.7 x 6.1cm (5 1/8 x 3 7/8 x 2 5/8")	11.8cm (4 5/8")	50
76402-870	1000ml (34oz)	17.5 x 15 x 9.6cm (6 7/8 x 6 x 3 3/4")	14.8cm (5 7/8")	25
76402-872	2500ml (85oz)	21 x 16.6 x 12.2cm (8 1/4 x 6 1/2 x 4 7/8")	14.8cm (5 7/8")	15
<b>Red</b>				
76469-934	30ml (1oz)	5.2 x 4 x 2cm (2 x 1 5/8 x 3/4")	10.1cm (4")	100
76469-936	60ml (2oz)	7.2 x 4.9 x 2.8cm (2 7/8 x 2 x 1 1/8")	10.6cm (4 1/4")	100
76469-938	125ml (4oz)	9.2 x 6.1 x 4.5cm (3 5/8 x 2 3/8 x 1 3/4")	10.4cm (4 1/8")	100
76469-940	250ml (8oz)	10.5 x 8.1 x 5cm (4 1/8 x 3 1/4 x 2")	10.4cm (4 1/8")	85
76469-942	500ml (17oz)	13.1 x 9.7 x 6.1cm (5 1/8 x 3 7/8 x 2 5/8")	11.8cm (4 5/8")	50
76469-944	1000ml (34oz)	17.5 x 15 x 9.6cm (6 7/8 x 6 x 3 3/4")	14.8cm (5 7/8")	25
76469-946	2500ml (85oz)	21 x 16.6 x 12.2cm (8 1/4 x 6 1/2 x 4 7/8")	14.8cm (5 7/8")	15

For complete product information, contact your local SP Bel-Art distributor

## Sterileware® Flat Bottom Sampling Scoops

**NEW**



### Useful as a Weigh Boat or for Volume Measurements

- Handle bump acts as thumb rest to help keep the hand away from the scoop reducing contamination risks
- Flat bottom allows for use as a weigh boat
- Approximate volumes can be measured by removing excess powder

 See page 44



VWR Cat. No.	Nominal Capacity	Bowl Dimensions (L X W X H)	Handle Length	Quantity / Pack
76402-874	25ml (0.8oz)	6.7 x 3.8 x 2cm (2 $\frac{5}{8}$ x 1 $\frac{1}{2}$ x $\frac{3}{4}$ "	7.0cm (2 $\frac{3}{4}$ "	100
76402-876	50ml (1.7oz)	8.5 x 4.7 x 2.4cm (3 $\frac{3}{8}$ x 1 $\frac{7}{8}$ x 1"	7.5cm (3"	100
76402-878	100ml (3.4oz)	10.5 x 5.9 x 3cm (4 $\frac{1}{8}$ x 2 $\frac{3}{8}$ x 1 $\frac{1}{4}$ "	9.5cm (3 $\frac{3}{4}$ "	100
76402-880	150ml (5.1oz)	12.3 x 6.8 x 3.4cm (4 $\frac{7}{8}$ x 2 $\frac{3}{4}$ x 1 $\frac{3}{8}$ "	9.5cm (3 $\frac{3}{4}$ "	100
76402-882	250ml (8oz)	14.3 x 8.0 x 4.2cm (5 $\frac{5}{8}$ x 3 $\frac{1}{8}$ x 1 $\frac{5}{8}$ "	9.5cm (3 $\frac{3}{4}$ "	100
76402-884	500ml (17oz)	18 x 10.3 x 5cm (7 $\frac{1}{8}$ x 4 $\frac{1}{8}$ x 2"	12.3cm (4 $\frac{7}{8}$ "	40
76402-886	1000ml (34oz)	22.6 x 12.7 x 6.3cm (8 $\frac{7}{8}$ x 5 x 2 $\frac{1}{2}$ "	13.4cm (5 $\frac{1}{4}$ "	30

## Sterileware® Sterile Sampling Scoops - White



### 3 Convenient Sizes

- Long handle on 2oz and 4oz scoops reduces contamination potential
- Flat bottom on 2oz and 4oz scoops allow for use as a weighing boat

 See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
56924-503	60ml (2oz)	12.7cm (5")	100
89140-586	60ml (2oz)	12.7cm (5")	10
56924-536	125ml (4oz)	12.7cm (5")	100
89140-590	125ml (4oz)	12.7cm (5")	10
56924-569	250ml (8oz)	5.6cm (2 $\frac{3}{16}$ "	100
89140-594	250ml (8oz)	5.6cm (2 $\frac{3}{16}$ "	10

Note: Sterilized products are not returnable

## All Sterileware® Sample Handling Tools Are:

- Made from FDA and EU conforming materials; safe for food, drug and cosmetic use
- Gamma irradiated sterile (SAL 10<sup>-6</sup>)
- Heat sealed in individual polyethylene bags
- Lot stamped for accurate tracing

## Sterileware® Sterile Sampling Scoops - Red

### Bright Red - Easy to See

- Bright red color reduces chance of the scoop being accidentally left behind in a sample
- Long handle on 2oz and 4oz scoops reduces contamination potential
- Flat bottom on 2oz and 4oz scoops allow for use as a weighing boat



⚠ See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
47751-004	60ml (2oz)	12.7cm (5")	100
89140-588	60ml (2oz)	12.7cm (5")	10
47751-006	125ml (4oz)	12.7cm (5")	100
89140-592	125ml (4oz)	12.7cm (5")	10
47751-008	250ml (8oz)	5.6cm (2 <sup>3</sup> / <sub>16</sub> "	100
89140-596	250ml (8oz)	5.6cm (2 <sup>3</sup> / <sub>16</sub> "	10

## Sterileware® Double Bagged Sterile Sampling Scoops - White

### Reduce the Risk of Contamination in Multi-Zone Clean Rooms

- Sterilized with an additional outer bag to provide extra protection against contamination and debris
- Long handle on 2oz and 4oz scoops reduces contamination potential
- Flat bottom on 2oz and 4oz scoops allow for use as a weighing boat



⚠ See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
76423-422	60ml (2oz)	12.7cm (5")	10
76423-424	125ml (4oz)	12.7cm (5")	10
76423-426	250ml (8oz)	5.6cm (2 <sup>3</sup> / <sub>16</sub> "	10

For complete product information, contact your local SP Bel-Art distributor

## Sterileware® Sense-able Scoops® Metal Detectable, Sterile Sampling Tools



### Metal and X-ray Detectable Plastic Scoops

U.S. Patent 6,915,712 B1

- Scoops and scoop fragments as small as 1.6mm<sup>3</sup> can be detected with standard metal detection and X-ray equipment
- Long handle on 2oz and 4oz scoops reduces contamination potential

Test compatibility with your metal detection equipment.  
Request a free sample at <https://bit.ly/382LLOx>



Testing Parameters

⚠ See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
89233-982	60ml (2oz)	12.7cm (5")	100
89233-984	125ml (4oz)	12.7cm (5")	100
89233-986	250ml (8oz)	5.6cm (2 <sup>3</sup> / <sub>16</sub> "	100

## Sterileware® Bent Handle Sterile Scoops



### Prevent Source Contamination

- Curved handle positions hand further from sample when compared to straight handle scoops
- Reduces possibility of sample contamination and exposure of hands or personal protective equipment (PPE) to unwanted substances
- Flat bottom allows for use as a weighing boat



Bent handle scoop elevates hand position further from the sample

⚠ See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
89218-258	60ml (2oz)	11.6cm (4 <sup>5</sup> / <sub>16</sub> "	10
89218-260	125ml (4oz)	9.8cm (3 <sup>7</sup> / <sub>8</sub> "	10

Note: Sterilized products are not returnable



## All Sterileware® Sample Handling Tools Are:

- Made from FDA and EU conforming materials; safe for food, drug and cosmetic use
- Gamma irradiated sterile (SAL 10<sup>-6</sup>)
- Heat sealed in individual polyethylene bags
- Lot stamped for accurate tracing

## Sterileware® Sterile Scoop Sampling System

### Snap-On Lid Keeps Contents In Scoop

- Snap-on lid eliminates the cost of separate sterile bags or containers
- Long handle reduces contamination potential
- Flat bottom allows for use as a weighing boat



⚠ See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
47750-094	60ml (2oz)	12.7cm (5")	100
89140-598	60ml (2oz)	12.7cm (5")	10
56924-576	125ml (4oz)	12.7cm (5")	100
89140-600	125ml (4oz)	12.7cm (5")	10

## Sterileware® Double Bagged Sterile Scoop Sampling System

### Reduce the Risk of Contamination in Multi-Zone Clean Rooms

- Bagged twice for extra protection from contamination
- Snap-on lid allows scoop to be used as a container for transport; lock-tab can be bent under for a tighter seal
- Sampling data can be marked on the lid with wax pencil, pre-marked label or labeling tape to facilitate tracking



⚠ See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Case
76423-418	60ml (2oz)	12.7cm (5")	10
76423-420	125ml (4oz)	12.7cm (5")	10

For complete product information, contact your local SP Bel-Art distributor

## Sterileware® Scoop an' Bag Sterile Samplers



### Ideal for Food, Pharmaceutical and Environmental Sampling

- Individually sealed and sterilized sets
- FDA grade polystyrene 60ml (2oz) sampling scoop and sterile 11.4 x 22.9cm (4½ x 9") polyethylene bag
- Long handle keeps the hand away from the sample



⚠ See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
60917-207	60ml (2oz)	12.7cm (5")	50

## Sterileware® Samplit Scoop and Container System



### Self-Contained Sampling System

U.S. Patents 6,440,373; D438,979

- Sturdy scoop with leak-proof 190ml (6.5oz) container; sterile or non-sterile
- Strong enough for coring semi-solids such as cheese, ice cream, soil or granular materials
- Ribbed handle provides an excellent grip for pushing and turning the scoop

⚠ See page 44



VWR Cat. No.	Description	Quantity / Pack
47727-268	25 Sterile, Individually Wrapped Samplit™ Scoops and Containers	25
47727-266	25 Non-sterile Samplit™ Scoops and Containers	25
47727-270	25 Non-sterile Samplit™ Scoops only	25

Note: Sterilized products are not returnable

## All Sterileware® Sample Handling Tools Are:

- Made from FDA and EU conforming materials; safe for food, drug and cosmetic use
- Gamma irradiated sterile (SAL 10<sup>-6</sup>)
- Heat sealed in individual polyethylene bags
- Lot stamped for accurate tracing

## Sterileware® Economy Sampling Scoops

### Durable, High-Impact Polystyrene

- Economical, accurate measure for dry or liquid sample collection
- Leveling the sample to the flat top edge ensures a repeatable and consistent volume measure

Non-sterile available. See page 23.



 See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
74950-201	63ml (2oz)	3.5cm (1 <sup>3</sup> / <sub>8</sub> "	50
74950-203	83ml (3oz)	3.8cm (1 <sup>1</sup> / <sub>2</sub> "	50
74950-205	125ml (4oz)	4.1cm (1 <sup>5</sup> / <sub>8</sub> "	50
74950-207	250ml (8oz)	4.9cm (1 <sup>5</sup> / <sub>16</sub> "	50

## Sterileware® Oval Sampling Spoons

**NEW**

### Small Sample Collection; Long Handle Reach

- For quick and efficient surface sampling of powders and granules
- Long handle reaches into jars, bottles and other confined areas
- Can also be used for dispensing small quantities

 See page 44



VWR Cat. No.	Nominal Capacity	Bowl Dimensions (L X W X H)	Handle Length	Quantity / Pack
76402-888	3ml (0.1oz)	3.6 x 2.5 x 0.5cm (1 <sup>1</sup> / <sub>2</sub> x 1 x 1 <sup>1</sup> / <sub>4</sub> "	13.7cm (5 <sup>3</sup> / <sub>8</sub> "	100
76402-890	10ml (0.3oz)	4.8 x 3.5 x 1cm (1 <sup>7</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>8</sub> x 3 <sup>7</sup> / <sub>8</sub> "	13.7cm (5 <sup>3</sup> / <sub>8</sub> "	100



For complete product information, contact your local SP Bel-Art distributor

## Sterileware® Volumetric Sampling Spoons

**NEW**



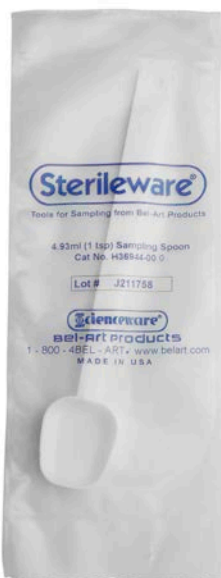
### Sterile Spoons for Volume Measurement

- Suitable for use with powders, granules, liquids, gels or suspensions
- Leveling to top of bowl provides accurately measured samples



VWR Cat. No.	Capacity	Bowl Diameter	Length	Quantity / Pack
76469-956	1ml (0.03oz)	1.8cm (¾")	16.5cm (6½")	100
76469-958	5ml (0.17oz)	2.9cm (1⅛")	16.5cm (6½")	100
76469-960	10ml (0.34oz)	3.5cm (1⅜")	17.1cm (6¾")	100
76469-962	20ml (0.68oz)	4.3cm (1¾")	18cm (7⅛")	100

## Sterileware® Long Handle Sampling Spoons



### Sterile, Small Sample Collection

- Long handle reaches into jars, bottles and other confined areas
- Minimizes the potential of personal contact with sampled material

 See page 44



VWR Cat. No.	Capacity	Quantity / Pack
56925-109	1.25ml (¼tsp)	200
89140-578	1.25ml (¼tsp)	10
56925-131	2.46ml (½tsp)	200
89140-580	2.46ml (½tsp)	10
56925-164	4.93ml (1tsp)	200
89140-582	4.93ml (1tsp)	10
56925-197	14.79ml (3tsp)	200
89140-584	14.79ml (3tsp)	10

Non-sterile available. See page 25.

Note: Sterilized products are not returnable

## All Sterileware® Sample Handling Tools Are:

- Made from FDA and EU conforming materials; safe for food, drug and cosmetic use
- Gamma irradiated sterile (SAL 10<sup>-6</sup>)
- Heat sealed in individual polyethylene bags
- Lot stamped for accurate tracing

## Sterileware® Double Bagged Sterile Long Handle Sampling Spoons

### Reduce the Risk of Contamination in Multi-Zone Clean Rooms

- Ten individually packaged spoons sealed in an outer bag to create multiples layers of protection against contaminants and debris
- Long handle reaches into jars, bottles and other confined areas
- Minimizes the potential of personal contact with sampled material



⚠ See page 44



VWR Cat. No.	Capacity	Quantity / Case
76423-428	1.25ml (¼tsp)	10
76423-430	2.46ml (½tsp)	10
76423-432	4.93ml (1tsp)	10
76423-434	14.79ml (3tsp)	10

## Sterileware® Extra-Long, Bent Handle Spoons

**NEW**

### Keeps Hands Safely Away from Samples

- Handle is bent at bowl to facilitate easier retrieval of samples, including from within tall containers
- Ideal for sampling and dispensing of powders, granules and liquids
- Long handle allows sampling from a distance reducing the risk of contamination



VWR Cat. No.	Nominal Capacity	Bowl Length	Bowl Width	Handle Length	Quantity / Pack
76469-964	10ml (¾oz)	7.7cm (3")	2.9cm (1½")	30cm (11½")	100
76469-966	20ml (¾oz)	8.8cm (3½")	3.8cm (1½")	30cm (11½")	100

For complete product information, contact your local SP Bel-Art distributor

## Sterileware® Large Sampling Spoons



### Larger Size for Bigger Samples

- Large spoon is ideal for sampling semi-solids, viscous liquids or bulk materials
- Long handle reduces contamination potential

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VWR Cat. No.	Capacity	Quantity / Pack
47727-682	30ml (1oz.)	25

## Sterileware® Economy Sample Spoons

### Economical Solution for Small Measures

- For retrieving small, specific volume samples of powders or liquids
- Unique flat bottom shape allows them to be used as weighing boats

Non-sterile available. See page 26.



⚠ See page 44



VWR Cat. No.	Capacity	Width	Length	Quantity / Pack
74950-181	1.25ml (0.04oz)	1.3cm (1/2")	10.3cm (4 1/16")	100
89140-568	1.25ml (0.04oz)	1.3cm (1/2")	10.3cm (4 1/16")	10
74950-183	2.5ml (0.08oz)	1.7cm (1 1/16")	10.8cm (4 1/4")	100
89140-570	2.5ml (0.08oz)	1.7cm (1 1/16")	10.8cm (4 1/4")	10
74950-185	5.0ml (0.17oz)	2.2cm (7/8")	11.4cm (4 1/2")	100
89140-572	5.0ml (0.17oz)	2.2cm (7/8")	11.4cm (4 1/2")	10
74950-187	8.0ml (0.27oz)	2.9cm (1 1/8")	12.7cm (5")	100
89140-574	8.0ml (0.27oz)	2.9cm (1 1/8")	12.7cm (5")	10
74950-189	20ml (0.67oz)	3.5cm (1 3/8")	13cm (5 1/8")	100
89140-576	20ml (0.67oz)	3.5cm (1 3/8")	13cm (5 1/8")	10

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- Made from FDA and EU conforming materials; safe for food, drug and cosmetic use
- Gamma irradiated sterile (SAL 10<sup>-6</sup>)
- Heat sealed in individual polyethylene bags
- Lot stamped for accurate tracing

## Sterileware® Cupped Powder Spatulas

**NEW**

### Holds Sample Within the Blade

- For surface and general sampling of powders
- Closed end keeps powders secure within spatula
- Chose contrasting color for easy visibility if left in material



\* See page 44



VWR Cat. No.	Blade Length	Blade Width	Nominal Capacity	Color	Overall Length	Material	Quantity / Pack
76469-948*	15cm (5 $\frac{7}{8}$ " )	1.8cm (3 $\frac{1}{4}$ " )	20ml (3 $\frac{1}{4}$ oz)	White	23cm (9" )	HIPS	100
76469-950*	25cm (9 $\frac{7}{8}$ " )	1.8cm (3 $\frac{1}{4}$ " )	40ml (1 $\frac{3}{8}$ oz)	White	33cm (13" )	HIPS	100
76469-952	15cm (5 $\frac{7}{8}$ " )	1.8cm (3 $\frac{1}{4}$ " )	20ml (3 $\frac{1}{4}$ oz)	Blue	23cm (9" )	PP	100
76469-954	25cm (9 $\frac{7}{8}$ " )	1.8cm (3 $\frac{1}{4}$ " )	40ml (1 $\frac{3}{8}$ oz)	Blue	33cm (13" )	PP	100

## Sterileware® Sampling Spatulas

### V-Shaped Spatula Ideal for Caked Granules or Powder

- Sturdy point for taking sterile samples and for piercing plastic-lined paper bags
- V-shape simplifies transferring powdered, flaked, crystalline or granular media
- Long 14" spatula useful for dislodging caked or crystallized reagents from deep within tall containers

Non-sterile available. See page 28.



\* See page 44

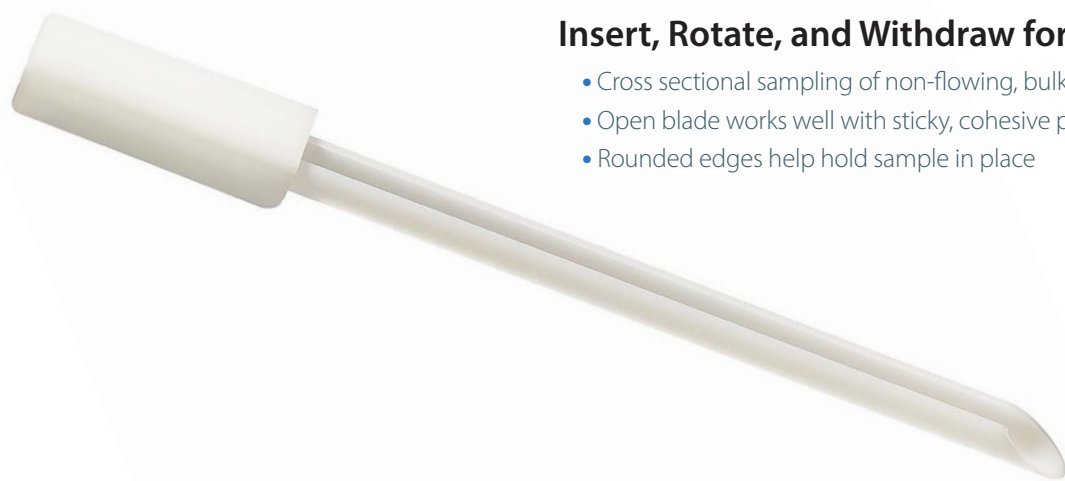


VWR Cat. No.	Description	Overall Length	Approximate Capacity	Quantity / Pack
56924-809	Sterileware 9" Spatula	22.9cm (9" )	15ml	100
89236-110	Sterileware 14" Spatula	35.6cm (14" )	23ml	50

For complete product information, contact your local SP Bel-Art distributor

## Sterileware® Powder Lance Samplers

**NEW**



### Insert, Rotate, and Withdraw for Cohesive Sampling

- Cross sectional sampling of non-flowing, bulk powders
- Open blade works well with sticky, cohesive powders
- Rounded edges help hold sample in place



PE

VWR Cat. No.	Capacity	Length	Quantity / Pack
76402-892	75ml (2.5oz)	40cm (15¾")	20
76402-894	125ml (4oz)	60cm (23⅝")	20
76402-896	200ml (6.8oz)	95cm (37½")	20

## Sterileware® Powder Probe Samplers

**NEW**



### Free-Flowing Powder Sampler

- Ideal for taking a cross sectional sample through a bulk powder
- End tip contains free-flowing powders within the probe



PE

VWR Cat. No.	Capacity	Length	Quantity / Pack
76402-898	125ml (4oz)	61.5cm (24¼")	20
76402-900	200ml (6.8oz)	96.5cm (38")	20

Note: Sterilized products are not returnable



## All Sterileware® Sample Handling Tools Are:

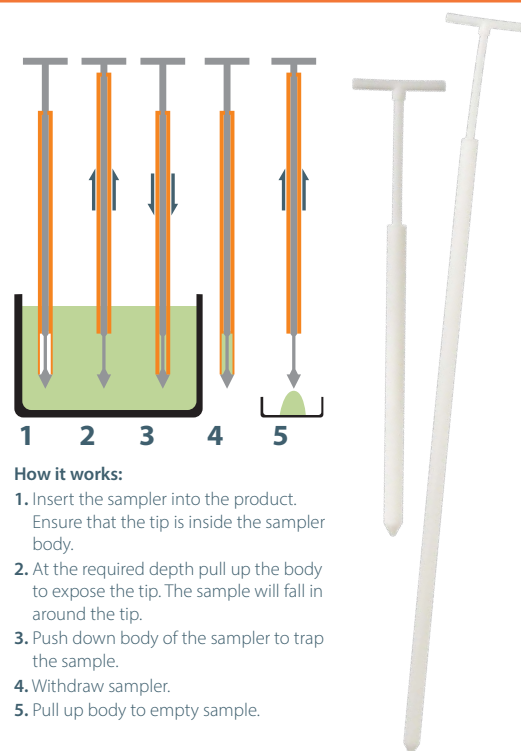
- Made from FDA and EU conforming materials; safe for food, drug and cosmetic use
- Gamma irradiated sterile (SAL 10<sup>-6</sup>)
- Heat sealed in individual polyethylene bags
- Lot stamped for accurate tracing

## Sterileware® Powder Thieves

**NEW**

### Sample from Within Bulk Powders

- Easily sample from targeted locations within bulk powders
- Used by pharmaceutical, food, cosmetic and chemical companies



#### How it works:

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.

VWR Cat. No.	Capacity	Length	Quantity / Pack
76402-906	1ml (0.03oz)	50cm (19¾")	20
76402-908	5ml (0.17oz)	50cm (19¾")	20
76402-910	10ml (0.34oz)	50cm (19¾")	20
76402-912	20ml (0.67oz)	50cm (19¾")	20
76402-914	1ml (0.03oz)	100cm (39¾")	20
76402-916	5ml (0.17oz)	100cm (39¾")	20
76402-918	10ml (0.34oz)	100cm (39¾")	20
76402-920	20ml (0.67oz)	100cm (39¾")	20

## Sterileware® Single Slot Powder Samplers

**NEW**

### Powder Sampling at a Specific Point

- Ideal for taking a single, targeted 50ml sample from free-flowing powders and granules
- After insertion, rotate tube to open then close the collection slot, and remove to retrieve the sample



VWR Cat. No.	Length	Capacity	Quantity / Pack
76469-978	62cm (24¾")	50ml (1¾oz)	20
76469-980	97cm (38¼")	50ml (1¾oz)	20

For complete product information, contact your local SP Bel-Art distributor

## Sterileware® Powder Funnels

**NEW**



### Sterile Funnel for QC Powder Transfer

- Wide stem funnels ideal for transferring powders or granules using a sterile sampling tool into a sterile container
- 60° angle and large bore stem help minimize bridging of powder

⚠ See page 44

PP

VWR Cat. No.	Capacity	Quantity/Pack
76469-392	49ml (1.7oz)	36
76469-394	138ml (4.7oz)	36
76469-396	248ml (8.4oz)	24
76469-398	784ml (26.5oz)	24

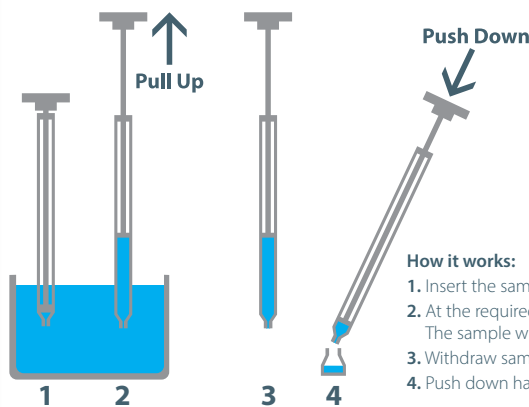
## Sterileware® Liquid Thieves

**NEW**



### Easily Sample Low Viscosity Liquids

- Draw sample with a simple pull of the handle, then dispense easily into the vessel of your choice
- Ideal for sampling water and other low viscosity liquids, oils and ointments; 0.15cm (1/16") tip hole diameter



VWR Cat. No.	Capacity	Length	Diameter	Quantity / Pack
76402-902	100ml (3.4oz)	50cm (19¾")	2.1cm (7/8")	20
76402-904	190ml (6.4oz)	100cm (39¾")	2.1cm (7/8")	20

PE

Note: Sterilized products are not returnable

## All Sterileware® Sample Handling Tools Are:

- Made from FDA and EU conforming materials; safe for food, drug and cosmetic use
- Gamma irradiated sterile (SAL 10<sup>-6</sup>)
- Heat sealed in individual polyethylene bags
- Lot stamped for accurate tracing

## Sterileware® Jumbo Sampling Pipettes

**NEW**

### Fast, Sterile Liquid Sampling from Within Containers

- Reaches into containers up to 208-liter (55 Gallon) drums while keeping hand clear of contents
- Diameter allows for use through drum bung hole or other small openings
- Color-coded end helps prevent handling errors
- Low-viscosity liquids enter easily through the 3mm (1/8") tip hole



VWR Cat. No.	Length	Capacity	Outer Diameter	Tip Hole Diameter	Quantity / Pack
76469-968	45cm (17¾")	80ml (2¾oz)	2.1cm (7/8")	3mm (1/8")	50
76469-970	90cm (35½")	180ml (6½oz)	2.1cm (7/8")	3mm (1/8")	50
76469-972	110cm (43¼")	225ml (7¾oz)	2.1cm (7/8")	3mm (1/8")	37

## Sterileware® Cross-Sectional Liquid Samplers

**NEW**

### Internal Sampling of Liquids and Creams

- Integrated valve closes as it is pushed against a container bottom securing the sample for withdrawal
- Provides effective cross-sectional sampling of liquids and light creams
- Reaches bottom of container while keeping hand clear of container top
- Diameter allows for use through drum bung hole or other small openings



VWR Cat. No.	Capacity	Length	Outer Diameter	Tip Hole Diameter	Quantity / Pack
76469-974	80ml (2¾oz)	45cm (17¾")	2.1cm (7/8")	6mm (1/4")	20
76469-976	225ml (7¾oz)	110cm (43¼")	2.1cm (7/8")	6mm (1/4")	20

For complete product information, contact your local SP Bel-Art distributor

## Sterileware® Upright Handle Dippers / Ladles

**NEW**



### Sterile Sampling of Liquids or Creams

- Upright handle allows for sampling from above container
- Curved handle end provides secure withdrawal of sample
- Fits into 2" openings such as a 45-gallon drum bunghole



VWR Cat. No.	Capacity	Cup Diameter	Length	Color	Material	Quantity / Pack
76469-928	50ml (1¾oz)	4.8cm (17⁄8")	26cm (10¼")	Blue	PP	40
76469-930	50ml (1¾oz)	4.8cm (17⁄8")	26cm (10¼")	White	HDPE	40

## Sterileware® Triangular Scrapers

**NEW**



### Multi-Purpose, Wide Blade

- Perfect for cutting, cleaning and general scraping
- Use in the manufacture and quality assurance of creams, ointments and pastes



VWR Cat. No.	Length	Blade Width	Quantity / Pack
76469-932	22.5cm (87⁄8")	11cm (43⁄8")	100

Note: Sterilized products are not returnable

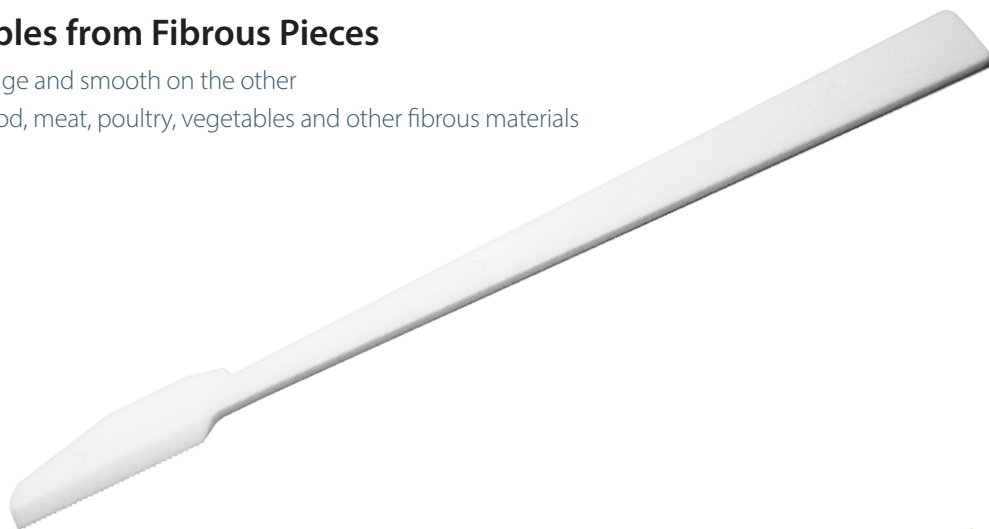
## All Sterileware® Sample Handling Tools Are:

- Made from FDA and EU conforming materials; safe for food, drug and cosmetic use
- Gamma irradiated sterile (SAL 10<sup>-6</sup>)
- Heat sealed in individual polyethylene bags
- Lot stamped for accurate tracing

## Sterileware® Sterile Sampling Knife

### Ideal for Cutting Small Samples from Fibrous Pieces

- Double edge blade; serrated on one edge and smooth on the other
- Serrated edge capable of cutting seafood, meat, poultry, vegetables and other fibrous materials



⚠ See page 44



VWR Cat. No.	Overall Length	Quantity / Pack
56924-478	20.9cm (8¼")	200

## Sterileware® Sterile Mini Tong

### Ridged Jaws Securely Hold Wet or Dry Samples

- Ideal for sampling small quantities of material ranging from food to pharmaceuticals
- Lightweight



⚠ See page 44



VWR Cat. No.	Length	Quantity / Pack
47733-014	11cm (4¼")	25

For complete product information, contact your local SP Bel-Art distributor

## Stainless Steel Pharma Scoops

**NEW**



### Seamless Design for Peace of Mind

- Reusable, high-quality scoops for powder and granules
- Pharmaceutical 316 grade stainless steel
- Easy to clean seamless design helps prevent cross-contamination
- High salt and acid resistance, ideal for food sampling
- GMP compliant

⚠ See page 44



VWR Cat. No.	Nominal Capacity	Bowl Length	Bowl Diameter	Overall Length
76459-106	10ml (0.4oz)	4.5cm (1¾")	2.5cm (1")	7.5cm (3")
76459-108	50ml (2oz)	7.0cm (2¾")	3.8cm (1½")	11.0cm (4¾")
76459-110	100ml (3oz)	10.0cm (4")	5.0cm (2")	18.0cm (7½")
76459-112	500ml (17oz)	14.0cm (5½")	9.5cm (3¾")	24.0cm (9½")
76459-114	750ml (25oz)	21.0cm (8¼")	9.5cm (3¾")	33.0cm (13")
76459-116	1000ml (34oz)	23.5cm (9¼")	11.0cm (4¾")	34.0cm (13¾")
76459-118	1250ml (42oz)	19.5cm (7¾")	12.5cm (4¾")	30.5cm (12")
76459-120	1700ml (58oz)	23.0cm (9")	13.5cm (5¾")	35.5cm (14")
76459-122	2500ml (85oz)	21.5cm (8½")	18.5cm (7¼")	32.0cm (12¾")

## Stainless Steel Economy Scoops

**NEW**



### Reusable to Help Reduce Waste

- Low-cost, high-quality scoop ideal for general laboratory use
- High sides to prevent spillage
- Useful in applications with limited salt exposure
- 304 grade stainless steel

⚠ See page 44



VWR Cat. No.	Nominal Capacity	Bowl Diameter	Overall Length
76459-124	1000ml (34oz)	10.5cm (4½")	30.5cm (12")
76459-126	1500ml (51oz)	12.0cm (4¾")	34.0cm (13¾")
76459-128	2000ml (68oz)	15.0cm (5¾")	37.5cm (14¾")

Note: Sterilized products are not returnable

## Large Polypropylene Scoop

### Large Flat Edge for Easy Scooping of Large Volumes

- Excellent for scooping anything from bulk powder to ice
- Rounded corners for easy cleaning
- Autoclavable



See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
13197-224	2L (½ gal.)	12.2cm (4 <sup>13</sup> / <sub>16</sub> "	6

## Economy Sampling Scoops

### Durable, High-Impact Polystyrene

- Economical, accurate measure for dry or liquid sample collection
- Leveling the sample to the flat top edge ensures a repeatable and consistent volume measure

Need sterile? See page 11.



See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
74950-209	63ml (2oz)	3.5cm (1 <sup>3</sup> / <sub>8</sub> "	12
74950-211	83ml (3oz)	3.8cm (1 <sup>1</sup> / <sub>2</sub> "	12
74950-213	125ml (4oz)	4.1cm (1 <sup>5</sup> / <sub>8</sub> "	12
74950-215	250ml (8oz)	4.9cm (1 <sup>15</sup> / <sub>16</sub> "	12

## Polypropylene Scoops

### Six Sizes to Choose From

- Rugged polypropylene; steam autoclavable at 121°C (250°F)
- Comply with FDA regulations for food, drug and cosmetic use
- Flat bottom keeps scoops upright when filled or empty

See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
56920-020	22ml (0.74oz)	3.2cm (1 <sup>1</sup> / <sub>4</sub> "	12
47727-708	60ml (2oz)	12.7cm (5"	12
56920-025	75ml (2.5oz)	4.8cm (1 <sup>7</sup> / <sub>8</sub> "	12
47727-710	125ml (4oz)	12.7cm (5"	12
56920-036	250ml (8oz)	5.6cm (2 <sup>3</sup> / <sub>16</sub> "	12
56920-047	1100ml (37.2oz)	10.3cm (4 <sup>1</sup> / <sub>16</sub> "	6



For complete product information, contact your local SP Bel-Art distributor

## Fluo-Kem® Teflon® FEP Coated Aluminum Scoops



### FDA Compliant for Food Contact

- Anti-stick Fluo-Kem® Teflon® coated scoop containing FEP
- Complies with FDA regulations for food, drug and cosmetic use
- Handle is not coated so your grip is non-slip

⚠ See page 44



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
47727-694	1 liter (1 quart)	8.3cm (3¼")	1
47727-696	2 liters (½ gallon)	10.2cm (4")	1
47727-698	4 liters (1 gallon)	10.2cm (4")	1

## Large Cylindrical Scoops



### Practical Non-Spill Design in Three Sizes

- Excellent for scooping dry powders, granules or crystals
- Closed back, non-spill shape
- Ergonomically angled handle



VWR Cat. No.	Capacity	Handle Length	Quantity / Pack
47727-712	1 liter (1 quart)	12.7cm (5")	1
66190-084	2 liters (½ gallon)	12.7cm (5")	1
66190-086	4 liter (1 gallon)	12.7cm (5")	1

## Mini Sampler Spoons



### Disposable Mini Measures

- Ideal for retrieving small, specific volume samples
- High-impact polystyrene
- 5 small volume sizes to suit your needs



VWR Cat. No.	Capacity	Quantity / Pack
74950-170	0.05ml (0.0016 oz)	25
74950-172	0.10ml (0.0034 oz)	25
74950-175	0.25ml (0.0085 oz)	25
74950-177	0.50ml (0.017 oz)	25
74950-178	1.00ml (0.034 oz)	25

Note: Sterilized products are not returnable



## Long Handle Sampling Spoons

### For Smaller Sampling Requirements

- Long handle reaches into jars, bottles and other confined areas
- Minimizes the potential of personal contact with sampled material
- FDA grade polypropylene plastic, safe for food, drug and cosmetic use

Need sterile? See page 12.



VWR Cat. No.	Capacity	Quantity / Pack
47727-666	1.25ml (¼tsp)	12
47727-700	2.46ml (½tsp)	12
47727-702	4.93ml (1tsp)	12
47727-704	14.79ml (3tsp)	12
47727-706	Assortment: 3 of each size (¼tsp, ½tsp, 1tsp, 3tsp)	12



## Earth-Friendly Long Handle Sampling Spoons

### Eco-Friendly Sampling for Small Quantities

- Green alternative to petroleum-based sampling tools; helps meet sustainability goals
- Long handle reaches into jars, bottles and other confined areas
- FDA grade spoons are safe for food, drug and cosmetic contact



VWR Cat. No.	Capacity	Quantity / Pack
89218-786	1.25ml (¼ tsp)	10
89218-788	2.46ml (½tsp)	10
89218-790	4.93ml (1tsp)	10

## Earth-Friendly Wide Handle Sampling Spoons

### Environmentally Conscious Sampling

- Green alternative to petroleum-based sampling tools; helps meet sustainability goals
- FDA grade spoons are safe for food, drug and cosmetic contact
- Comparable in strength and durability to polystyrene, polypropylene and other plastic resin sampling tools



VWR Cat. No.	Capacity	Quantity / Pack
89218-772	1.25ml (0.04oz)	10
89218-774	2.5ml (0.08oz)	10
89218-776	5.0ml (0.17oz)	10
89218-778	8.0ml (0.27oz)	10
89218-780	20.0ml (0.67oz)	10

For complete product information, contact your local SP Bel-Art distributor

## Economy Sample Spoons



### Economical Solution for Small Measures

- Economical option for retrieving small, specific volume samples of powders or liquids
- Unique flat bottom shape allows them to be used as weighing boats

Need sterile? See page 14.

See page 44



VWR Cat. No.	Capacity	Width	Length	Quantity / Pack
74950-190	1.25ml (0.04oz)	1.3cm (1/2")	10.3cm (4 1/16")	12
74950-192	2.5ml (0.08oz)	1.7cm (1 1/16")	10.8cm (4 1/4")	12
74950-194	5.0ml (0.17oz)	2.2cm (7/16")	11.4cm (4 1/2")	12
74950-196	8.0ml (0.27oz)	2.9cm (1 1/8")	12.7cm (5")	12
74950-198	20.0ml (0.67oz)	3.5cm (1 3/8")	13cm (5 1/8")	12

## Stainless Steel Balance Spoons

### Choice of Polished Steel or Non-Stick Teflon®

- Easily transfer small quantities of materials
- 17cm (6.7") length useful for reaching into containers
- Square trough-type spoon end: 44 x 8.9mm (1.75 x 0.35")



See page 44



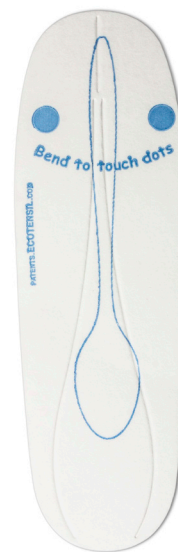
VWR Cat. No.	Description	Capacity	Quantity / Pack
13197-220	Stainless steel	1ml	2
13197-222	Stainless steel with Teflon® FEP coating	1ml	2

## EcoTensil® Disposable Paper Sampling Spoon

### Coated Paper Stands Up to Gels and Semi-Solids

- Stores flat; easily folds into a functional spoon for sampling and retrieving materials
- Coated to stand up to powders, gels, and semi-solids
- Use 50% - 90% less material and space than the same amount of plastic spoons

Try Before You Buy  
<https://bit.ly/382LLOx>



Product Video  
[bit.ly/37WWVuS](https://bit.ly/37WWVuS)



VWR Cat. No.	Dimensions (L x W)	Approximate Capacity	Quantity / Pack
75841-104	5 x 1.5" (12.7 x 3.8 cm)	10ml	416

NOTE: EcoTensil Spoons are not meant for measuring exact quantities of materials.

Note: Sterilized products are not returnable

## Ellipso-Spoon® and Spatula Samplers

### Unique Shape Means No Missed Sample in Corners

- Curved shape permits contact with container corners
- Crystals, powders, granulated and solid substances, and thick liquids are easily retrieved
- Polished 304 grade stainless steel



VWR Cat. No.	Bowl Capacity	Length	Quantity / Pack
70690-178	10ml	15cm	1
13197-390	10ml	18cm	1
13197-392	10ml	21cm	1
13197-394	10ml	25cm	1
47727-724	70ml	30cm	1
70680-298	70ml	40cm	1
13197-398	70ml	50cm	1

## Stainless Steel Lab Spoon and Spatula

### Extra Length for Sampling from Larger Bottles

- Long handle reaches into large containers
- Flat spatula end measures 3.1 cm (1¼") wide
- Spoon end is 3.7cm (1½") wide and holds 5ml



VWR Cat. No.	Length	Quantity / Pack
57952-250	30.5cm (12")	1

## Stainless Steel Coated Lab Spoon and Spatula

### Coated with Fluo-Kem® Teflon®

- Anti-stick, corrosion-resistant surface
- Fluo-Kem® Teflon® FEP coating complies with FDA regulations governing direct food, drug and cosmetic contact
- Spoon and spatula ends for varying needs



VWR Cat. No.	Overall Length	Quantity / Pack
70690-180	22.9cm (9")	1

For complete product information, contact your local SP Bel-Art distributor

## Stainless Steel Spoons



### Double-Ended with Two Bowl Sizes

- 304 grade stainless steel sampling spoons
- Polished or coated with Fluo-Kem® Teflon® FEP
- FEP complies with FDA regulations governing direct food, drug and cosmetic applications

⚠ See page 44



VWR Cat. No.	Small Spoon	Large Spoon	Length	Quantity / Pack
<b>304 Grade Stainless Steel</b>				
13197-378	0.5ml	2.0ml	15cm	2
13197-380	0.8ml	2.8ml	18cm	2
13197-382	1.6ml	3.0ml	21cm	2
13197-384	1.8ml	5.0ml	25cm	2
13197-386	2.0ml	8.0ml	30cm	2
<b>Fluo-Kem® Teflon® FEP Coated Ends</b>				
47727-684	0.5ml	2.0ml	15cm	2
47727-686	1.6ml	3.0ml	21cm	2
47727-690	2.0ml	8.0ml	30cm	2

## Sampling Spatula



### V-Shaped Spatula Ideal for Caked Granules or Powder

- Sturdy point for taking sterile samples and for piercing plastic-lined packages
- V-shape simplifies transferring powdered, flaked, crystalline or granular media
- 14" spatula for dislodging caked or crystallized reagents from deep within tall containers

Need sterile? See page 15.



VWR Cat. No.	Overall Length	Approximate Capacity	Quantity / Pack
47750-522	22.9cm (9")	15ml	12

Note: Sterilized products are not returnable

## Earth-Friendly 1001 Sticks

### An Indispensable Tool with No End to Its Uses

- Green alternative to petroleum-based sampling tools; helps meet sustainability goals
- Comparable in strength and durability to polystyrene, polypropylene and other petroleum-based plastic resin sampling tools
- Non-sterile FDA grade safe for food, drug and cosmetic contact



VWR Cat. No.	Dimensions (L x W x H)	Quantity / Pack
89218-782	14.6 x 1.9 x 0.15cm (5¾ x ¾ x ¼")	100
89218-784	14.6 x 1.9 x 0.15cm (5¾ x ¾ x ¼")	500

## Reagent Digger

### The Ideal Utensil for Retrieving Stubborn Samples

- Dislodge stubborn, caked or crystallized reagents from deep inside containers
- Stainless steel, ergonomically designed tool
- Shape facilitates scooping, shoveling, digging and measuring of all powdered, flaked, crystalline or granular media



VWR Cat. No.	Length	Quantity / Pack
62489-110	22.9cm (9")	1

## Micro Spoon and Spatula Stainless Steel Weighing Set

### Accurate Handling of Minute Quantities

- Two small spoons ends for transferring and collecting dry and liquid material
- Two V-shaped spatula ends of different sizes for lifting or spill-free carrying
- Eight flat spatula ends of various widths and lengths for mixing, scraping and spreading
- Blunt tip tweezers have serrated inside surfaces for secure sample handling



VWR Cat. No.	Description	Quantity / Pack
89013-642	7 pc. Micro Tool Set	1

For complete product information, contact your local SP Bel-Art distributor

## Quaverette® Micro-Blade Vibrating Spatulas

### Micro-Blade Reaches Into Small Containers and Tight Corners



- Narrow V-shaped blade maneuvers easily into small mouth containers and tight corners
- Rotating thumb wheel vibrates spatula for precise control over material transfer
- Stainless steel or Fluo-Kem® Teflon® FEP coated blade



Product Video  
[bit.ly/37WWWuS](http://bit.ly/37WWWuS)

⚠ See page 44



VWR Cat. No.	Description	Quantity / Pack
13197-374	Stainless steel blade	1
13197-376	Brown Teflon® FEP coated stainless steel blade	1

## Quaver® Vibrating Spatulas

### Adds that Last Grain of Powder to Make the Desired Weight



- Rotating thumb wheel vibrates spatula for precise control over material transfer
- Stainless steel or Fluo-Kem® Teflon® FEP coated blade
- Teflon® coating complies with FDA regulations governing direct food contact



Product Video  
[bit.ly/37WWWuS](http://bit.ly/37WWWuS)

⚠ See page 44



VWR Cat. No.	Description	Quantity / Pack
57901-106	Stainless steel blade	1
57901-140	Brown Teflon® FEP coated stainless steel blade	1

## Stainless Steel Micro Spatulas



VWR Cat. No. 47750-084



VWR Cat. No. 47750-086



VWR Cat. No. 47750-088

### Fluo-Kem® Teflon® FEP Coated Stainless Steel

- Stainless steel rod with flat ends coated in Teflon® FEP
- Complies with FDA regulations governing direct food contact applications
- Available with straight or tapered blade

⚠ See page 44



VWR Cat. No.	Description	Quantity / Pack
47750-084	2.7mm diameter x 19cm long (0.105 x 7½") tapered to 3mm (⅛")	2
47750-086	4mm diameter x 18.4cm (0.156 x 7¼")	2
47750-088	4mm diameter x 18.4cm (0.156 x 7¼") tapered to 0.8mm (⅛")	2

Note: Sterilized products are not returnable

## Policeman – Teflon®

- Useful for scraping and transferring materials
- Steam autoclavable at 121°C (250°F).
- 7.9mm (5/16") diameter Teflon® PTFE rod with flattened ends



VWR Cat. No.	Length	Quantity / Pack
13197-416	25.4cm (10")	1

## Policeman – Polypropylene

- Scrape, spread and transfer materials without scratching
- Wide flattened end is ideal for larger work areas
- Inert, chemical resistant and steam autoclavable



VWR Cat. No.	Length	Quantity / Pack
53800-005	20.3cm (8")	6

## Stirring Rod - Polypropylene

### Autoclavable to Avoid Contamination

- Solid polypropylene stirring rod with rounded end
- Useful for mixing chemicals and liquids
- Steam autoclavable



VWR Cat. No.	DIAMETER	Length	Quantity / Pack
59063-001	4.7mm (3/16")	20.3cm (8")	6

## Large Polyethylene Policeman

### Steel Reinforced Polyethylene

- Rigid steel rod handle enclosed in polyethylene
- Tapered flattened end is efficient for scraping and transferring of material



VWR Cat. No.	Length	Quantity / Pack
13197-254	20.3cm (8")	6

For complete product information, contact your local SP Bel-Art distributor

## Polypropylene Forceps

### Serrated Tips for Secure Grasp

- Strong and durable
- Steam autoclavable



VWR Cat. No.	Length	Quantity / Pack
70690-142	12.7cm (5")	6

## Tefzel Forceps

### Withstands High Temperatures

- Smooth square tips 1.6mm (1/16") wide
- Excellent for handling small balance weights
- Withstands temperatures up to 199°C (390°F)

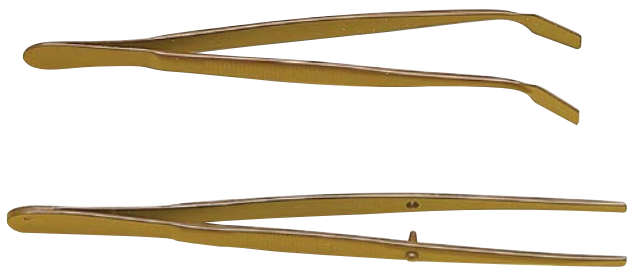


VWR Cat. No.	Length	Quantity / Pack
16126-656	11.4cm (4 1/2")	1

## Cover Glass Forceps

### Wide Tips for Lifting Cover Glasses

- Will not scratch or mar delicate surfaces
- Teflon® FEP coating complies with FDA regulations for direct contact with food



⚠ See page 44



VWR Cat. No.	Description	Quantity / Pack
70680-086	Bent - 10.2cm (4") long	2
70690-198	Straight - 11.4cm (4 1/2") long	2

## Teflon® Coated Steel Forceps

### Meets FDA Regulations Involving Food Contact

- Will not scratch or mar delicate surfaces
- Anti-stick qualities prevent material build-up
- Teflon® FEP coating complies with FDA regulations for direct contact with food



VWR Cat. No. 13197-438

VWR Cat. No. 16126-442

VWR Cat. No. 13197-440

⚠ See page 44



VWR Cat. No.	Coated Length	Quantity / Pack
16126-442	38mm (1 1/2" tip)	2
13197-438	19mm (3/4" tip)	2
13197-440	Full Coating, 98mm (3 7/8")	2

Note: Sterilized products are not returnable



## Curved Forceps

### Gently Curved Stainless Steel for Exacting Work

- Exceptionally fine, curved tips
- Serrated for enhanced grip
- Teflon® FEP coating complies with FDA regulations for direct contact with food

⚠ See page 44



VWR Cat. No.	Length	Quantity / Pack
13197-442	9.8cm (37/8")	2



## Stainless Steel Tongs

### Teflon® Coated Tips for Quick Release

- Stainless steel, laboratory type tongs with Teflon® FEP coating
- Anti-stick surface for easy material handling and release
- Coating complies with FDA regulations governing direct food contact applications

⚠ See page 44



VWR Cat. No.	Length	Quantity / Pack
70690-192	23cm (9")	1



## Sample Cutter Set

### Multi Function Tool

- Three tined fork with sharp rocker knife on back edge
- Sold in pairs for holding material still while cutting
- Autoclavable at 121°C (250°F); commercial dishwasher safe



VWR Cat. No.	Length	Quantity / Pack
47751-016	19cm (7.5")	2



For complete product information, contact your local SP Bel-Art distributor

## ProCulture® Micro-Tube Homogenizer System

### Effectively Homogenize Precipitates, Cells and Tissues

- Hand-held, cordless homogenizer features a simple push in/pull out pestle holder
- Pestles and tubes assure tight tolerances and thorough homogenization resulting in optimal efficiency of pellet reconstitution or re-suspension
- Pestles and tubes are certified DNase, RNase and Pyrogen-free and are made of animal and phthalate/phthalate-ester free polypropylene with lot control and material traceability



⚠ See page 44



VWR Cat. No.	Description
<b>Homogenizer – Includes Cordless Motor, 2 AA Batteries and Pestle Adapter</b>	
<b>89524-800</b>	Cordless Homogenizer Unit
<b>Individually Packed (Pack of 100)</b>	
<b>89524-802</b>	0.5ml Pestle
<b>89524-806</b>	0.5ml Tube
<b>89524-810</b>	0.5ml Pestle and Tube
<b>89524-804</b>	1.5ml Pestle
<b>89524-808</b>	1.5ml Tube
<b>89524-812</b>	1.5ml Pestle and Tube
<b>Bulk Packed (Pack of 100)</b>	
<b>89524-814</b>	0.5ml Pestle
<b>89524-822</b>	0.5ml Pestle and Tube
<b>89524-816</b>	1.5ml Pestle
<b>89524-820</b>	1.5ml Tube
<b>89524-824</b>	1.5ml Pestle and Tube



Product Video  
[bit.ly/37WWWuS](https://bit.ly/37WWWuS)



Get a free tube and pestle sample at  
[bit.ly/382LLOx](https://bit.ly/382LLOx)

## Disposable Polypropylene Pestles and 1.5ml Tubes

### Matched Shape for a Perfect Fit

- Autoclavable or disposable plastic pestles
- Excellent for re-suspending bacterial cells, precipitates of nucleic acids or proteins and pellets of other materials
- Available with 1.5ml microcentrifuge tubes of the same shape for optimal grinding



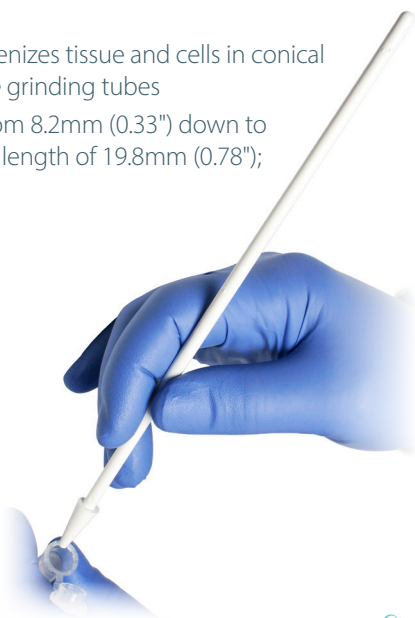
VWR Cat. No.	Description	Quantity / Pack
<b>66001-104</b>	100 Pestles and 100 1.5ml tubes	100
<b>47750-354</b>	100 Pestles Only	100

Note: Sterilized products are not returnable

## ProCulture® Extended Handle Pestle

### Autoclavable

- Efficiently homogenizes tissue and cells in conical bottom and tissue grinding tubes
- Cone tip tapers from 8.2mm (0.33") down to 2.9mm (0.12") in a length of 19.8mm (0.78"); rounded end



VWR Cat. No.	Overall Length	Quantity / Pack
13197-176	21cm (8¼")	6

## Stir and Add Cuvette Mixers

### Provides Complete Mixing

- Mix added reagents directly in cuvettes
- Up and down motion in cell provides complete mixing
- Clear acrylic with a straight handle



VWR Cat. No. 59063-147



VWR Cat. No. 59063-125

VWR Cat. No. 59063-125 – Mixer Dimensions: 9.1 x 9.1mm (0.36" x 0.36")

VWR Cat. No. 59063-147 – Mixer Dimensions: 9.1 x 3.6mm (0.36" x 0.14")

⚠ See page 44



VWR Cat. No.	Description	Shaft Length	Quantity / Pack
59063-125	For 10mm light path cells	11.4cm (4.5")	3
59063-147	For semi-micro cells	13.0cm (5.1")	3

## Liquid Nitrogen Cooled Mortar

### Safely Contained Liquid Nitrogen

- Stainless steel bowl inside insulated polyethylene housing keeps liquid nitrogen cold longer
- Includes 304 grade stainless steel mortar
- Recommended size pestle is any size appropriate for a 275ml mortar (not included)



⚠ See page 44



VWR Cat. No.	Description	Quantity / Pack
13197-414	Stainless Steel Ladle (bowl and detachable handle) and Stainless Steel Reservoir in a polyethylene housing	1
16126-652	Stainless Steel Mortar (Bowl only, no handle)	1



For complete product information, contact your local SP Bel-Art distributor

## Liquid Nitrogen Cooled Mini Mortar and Pestle Set

### Protect Sample Quality by Homogenizing in a Microcentrifuge Tube

- Permits grinding of smaller amounts of tissue directly in a 1.5ml microcentrifuge tube
- Reduces sample loss and collection time
- Prevents tube from cracking by eliminating direct contact with liquid nitrogen



⚠ See page 44



VWR Cat. No.	Housing Overall Dimensions	Quantity / Pack
89233-994	16.5 diam. x 11.4cmH (6½ x 4½")	1

## Three Zone Powder Sampler

### Extract Samples at 3 Levels from One Container

- For proper sampling of powders, pellets and other friable materials which may become non-homogeneous in bags
- Acquires samples from three positions
- Anodized aluminum with sharp stainless steel point



VWR Cat. No.	Length	Quantity / Pack
70680-272	56cm (22")	1

Note: Sterilized products are not returnable

## Tapered Plug Sampler

### Punctures Packaging to Retrieve Samples

- Smooth, tapered, stainless sampler for extracting a “plug” of material from bags or blocks of cheese, grease, soap, clay, etc.
- Sharp end cuts through a bag or box
- Twisting the “T” handle one-half turn will cut out a plug of material 15.2cm (6”) long tapering from 1.7cm (1 $\frac{1}{16}$ ”) to 1.3cm (1 $\frac{1}{2}$ ”)

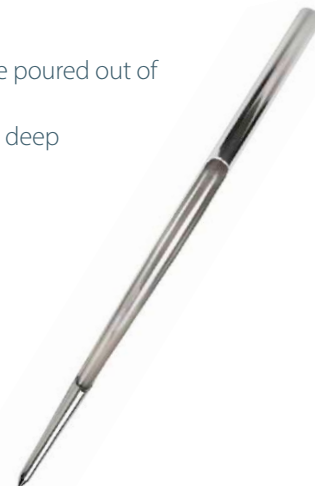


STAINLESS STEEL

## Needlepoint Sampler

### Minimize Damage When Taking Samples from Bags

- Pulls out with sample ready to be poured out of the hollow handle
- Enters a maximum of 28cm (11”) deep



⚠ See page 44

VWR Cat. No.	Length	Quantity / Pack
70680-276	19.1cm (7 $\frac{1}{2}$ ”)	1

VWR Cat. No.	Diameter	Length	Quantity / Pack
70680-278	2.2cm (7 $\frac{8}{16}$ ”)	41cm (16”)	1

## Mini-Sieve™ Micro Sieve Set

### For Handheld Use in Lab or Field

- Stack of four interchangeable, polypropylene screen holding sections, a catch pan, a cover and four screen retaining rings
- Sections are friction-fit; easy to assemble and take apart for sample retrieval
- Sorting parameters can be changed by exchanging the removable phosphor-bronze mesh inserts



⚠ See page 44

PP

VWR Cat. No.	Description	Quantity / Case
57333-965	Mini-Sieve™ Micro Sieve Set	1
13197-260	Additional Mesh Inserts - pack of 8 Phosphor-Bronze screen inserts, 1 each of 25, 35, 45, 60, 80, 120, 170 and 230 standard mesh	1



For complete product information, contact your local SP Bel-Art distributor

## Micro-Mill® Grinders

### With Interchangeable Grinding Chambers

- Industry standard for grinding small samples from 20 to 50ml
- Temperature is maintained by means of built-in heat exchangers
- Cast aluminum body for long life



VWR Cat. No. 48975-429



VWR Cat. No. 16126-650



VWR Cat. No. 48975-407

⚠ See page 44



VWR Cat. No.	Description	Quantity / Pack
	<b>MICRO-MILL® GRINDER with stainless steel blade and grinding chamber, and momentary hold-down switch. Operates only when switch is held down.</b>	
48975-429	115VAC, 60 Hz	1
	<b>MICRO-MILL® GRINDER with stainless steel blade and grinding chamber. 0-5 minute timer with "ON" position for continuous operation.</b>	
48975-407	115VAC, 60 Hz w/ electrical timer	1
16126-650	230VAC, 60 Hz w/ electrical timer	1
	<b>MICRO-MILL® GRINDER with hard, stellite faced blade and grinding chamber, with timer.</b>	
48975-418	115VAC, 60 Hz	1
	<b>Micro-Mill Grinder® Replacement Blades - For 48975-429, 48975-407 and 16126-650. No. 304 Stainless Steel blade.</b>	
48975-451	Replacement Blade - 304 Stainless Steel	1
	<b>Micro-Mill Grinder® Hard-Faced Blade - For 48975-418. Stellite-faced blades for grinding samples up to hardness of stellite 6.</b>	
48975-484	Hard-Faced Accessory Blade	1

## Micro-Mill® II Grinder



- Rapid, high speed milling of small samples from 20 to 50ml
- Additional grinding chambers available for processing multiple samples without cross contamination
- Economical polycarbonate construction; easy sample removal



⚠ See page 44

VWR Cat. No.	Description	Quantity / Pack
89047-298	Micro-Mill® II Grinder, 115VAC, 60Hz	1
97002-912	Micro-Mill® II Accessory Grinding Chamber	1
48975-484	Hard-Faced Accessory Blade	1

Note: Sterilized products are not returnable

## Scrapers

### Choice of Handle Length

- Smooth, chemical-resistant plastic
- Useful for removing residues from filters, cleaning containers, mixing and distributing solids in fluids, spreading pastes over large areas, and more
- Available in white, FDA grade LDPE or red HDPE



VWR Cat. No.	Description	Color	Quantity / Pack
<b>Hard High-Density Polyethylene</b>			
16126-594	Scraper with 25cm (10") handle	Red	1
13197-242	Scraper with 91cm (36") handle	Red	1
13197-244	Scraper with 183cm (72") handle	Red	1
<b>Softer Low-Density Polyethylene (Max Temp is 80°C)</b>			
47750-092	Scraper with 25cm (10") handle	White	1
16126-598	Scraper with 91cm (36") handle	White	1
16126-600	Scraper with 183cm (72") handle	White	1



### Smooth, Chisel-Type Rigid Scraper

- Flat polystyrene blade with a tapered sharp edge
- Made of FDA grade materials for direct contact with foods, drugs, and cosmetics
- Side edges are rounded



VWR Cat. No.	Length	Quantity / Pack
13197-402	23.2cm (9 1/8")	1

### Triangular Scraper

#### No Metal, No Scratching, No Bending

- Rigid, chisel-edged with tapered triangular blade
- Complies with FDA requirements for direct contact with foods, drugs, and cosmetics
- Autoclavable



VWR Cat. No.	Length	Quantity / Pack
56924-813	24.8cm (9 3/4")	1

For complete product information, contact your local SP Bel-Art distributor

## Resharpenable Rigid Scraper

### Blade May Be Resharpended to Restore Edge

- Glass-reinforced polyimide nylon
- Straight, chisel-type edge
- FDA grade materials are suitable for direct contact with foods, drugs, and cosmetics



NYLON

VWR Cat. No.	Length	Quantity / Pack
13197-404	28.5cm (11¼")	1

## Long Handled Scraper

### Will Not Scratch Glass

- Rigid nylon; only slight flexibility
- Grooved fiberglass handle provides secure grip



NYLON

VWR Cat. No.	Overall Length	Quantity / Pack
57925-032	152cm (60")	1

## Ladles

### Safely Sample and Dispense Corrosive Liquids

- High-density polyethylene
- Rigid bowl with welded handle



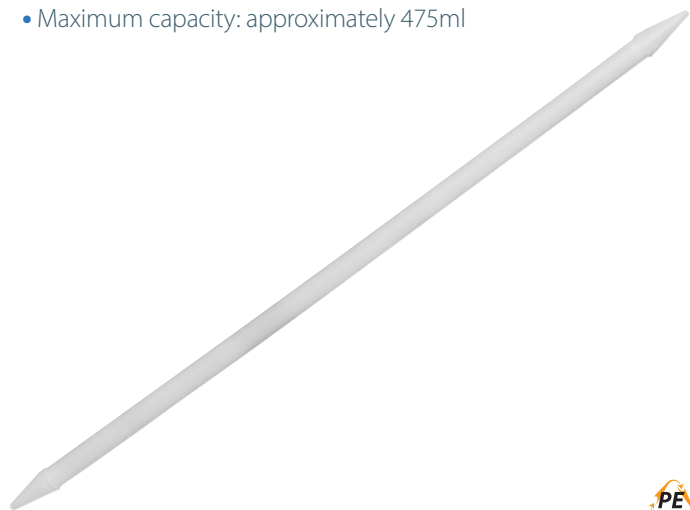
HDPE

VWR Cat. No.	Capacity	Handle	Quantity / Pack
36494-108	50ml (1¾ oz)	23cm (9")	1
30617-664	250ml (8½ oz)	23cm (9")	1

## Sample Thief

### Take Liquid Samples at Desired Depths

- Hand controlled; take liquid samples at specific depths
- Tapered ends with 4.7mm (¾") diameter openings
- Maximum capacity: approximately 475ml



PE

VWR Cat. No.	Length	Diameter	Quantity / Pack
70680-550	105cm (41½")	29mm (1⅛")	1

Note: Sterilized products are not returnable



## Churn Sample Splitters

### Mix and Divide a Water Sample into Subsamples for Testing

- Provides efficient method of preparing subsamples of collected water-sediment mixtures from stream flows for water quality analysis
- Intended to meet USGS water sampling protocol
- Spring-loaded spigot drains subsamples into bottles



VWR Cat. No.	Size	Quantity / Pack
47727-668	4 liter (1 gal)	1
47727-670	8 liter (2 gal)	1
47727-674	14 liter (3.7 gal)	1

## Liquid Sampler

### Bottom Valve for Convenient Emptying

- Ideal for viscous liquids
- Immerse into a can, bottle, tank, vat, etc.



⚠ See page 44

VWR Cat. No.	Length	Quantity / Pack
70680-274	50cm (19¼")	1

## Bellows Samplers

### Easy One-Hand Operation

- FDA grade polyethylene sampler tube
- Long tapered tip with a 4mm opening



VWR Cat. No.	Capacity	Length	Quantity / Pack
13197-430	20ml	39cm (15¼")	5
13197-432	50ml	50cm (19½")	5

For complete product information, contact your local SP Bel-Art distributor

## Sampler Syringe

### Invert Syringe to Store Sample in Bulb



- Sample liquids quickly and easily - squeeze, submerge, release
- Manufactured with FDA grade materials
- Syringe can be unscrewed from bulb for easy cleaning and storage

⚠ See page 44



VWR Cat. No.	Length	Quantity / Pack
62866-182	30cm (11¾")	1

## Safety Acid/Caustic Samplers

### Retrieve Samples from Large Volume Tanks



- Excellent for sampling from tank cars, tank trucks and barges
- Well suited for sodium hydroxide, potassium hydroxide, hydrochloric acid, acetic acid, formaldehyde, sulfuric acid, etc.



VWR Cat. No.	Handle Length	Overall Length	Quantity / Pack
56615-730	91cm (36")	118cm (46.5")	1
56615-731	244cm (96")	267cm (105")	1

## Long-Handled Dippers



### Available in Choice of Handle Lengths



- Rigid handle for easy sampling from tanks, vats, lakes, and more
- HDPE; will not rust or corrode, excellent chemical resistance



VWR Cat. No.	Bowl Size	Handle Length	Quantity / Pack
76339-338	500ml (16oz)	0.91m (3ft)	1
47727-714	500ml (16oz)	3.7m (12ft)	1
47727-716	1000ml (32oz)	3.7m (12ft)	1

Note: Sterilized products are not returnable

## Adjustable Handle Water Sample Dipper

### Handle Adjusts for up to 274cm (9 Ft) Extended Reach

- Long reach for taking samples of water, sewage, wastes and effluents from lakes, streams, tanks, or ponds
- 1000ml graduated polypropylene sample container
- Telescoping aluminum handle with spring button adjustment; 91 cm (3') to 274cm (9')



VWR Cat. No.	Quantity / Pack
66175-065	1

## Economy Dippers

### Replaceable Cups for Sampling

- Lightweight, easy to use and portable
- Exchangeable cup reduces cross contamination
- PP cup with two pouring spouts allow left or right pouring



VWR Cat. No.	Length	Quantity / Pack
47727-676	Dipper with 91cm (3ft) handle	1
47727-678	Dipper with 183cm (6ft) handle	1
47727-680	Extra screw-on cups 500ml (16oz)	1

For complete product information, contact your local SP Bel-Art distributor

## SP Market Leading Brands of Scientific Products Include:

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