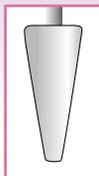


Micro Centrifuge Sample Pestles

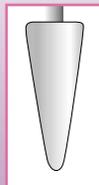
Two Shapes for Best Tube Fit

Use These Illustrations to Determine the Best 1.5ml Pestle for Your Needs.

Shown Actual Size.



F19922-0000
F19922-0004
Flat Tip



F19922-0001
F19922-0005
Rounded Tip

Ideal for resuspending lyophilized products or precipitates, or for homogenizing samples in a microcentrifuge tube. The Teflon® pestle is mounted on a stainless steel shaft, 3.2mm ($\frac{1}{8}$ " in diameter that may be hand held or mounted in a motorized chuck. Overall length 143mm (5 $\frac{3}{4}$ ").



TEFLON® STAINLESS STEEL

CATALOG NO.	DESCRIPTION	PRICE/EACH
F19922-0000	Pestle for 1.5ml microcentrifuge tube, flat tip cone	\$36.00
F19922-0001	Pestle for 1.5ml microcentrifuge tube, rounded tip cone	36.00
F19922-0003	Pestle for 0.5ml polypropylene microcentrifuge tubes	36.00



Double Ended Pestles

One end fits the 1.5ml microcentrifuge tube and the other end fits the 0.5ml tube. Overall length is 152mm (6").

TEFLON® STAINLESS STEEL

CATALOG NO.	DESCRIPTION	PRICE/EACH
F19922-0004	1.5ml flat tip	\$40.00
F19922-0005	1.5ml rounded tip	40.00

Microcentrifuge Tube Opener

Open Tubes with One Hand

Easily open microcentrifuge tubes with this double-ended tool. Works for all sizes of tubes. One end opens standard 1.5, 2 and 2.2ml tubes, while the other end has a forked blade that opens smaller sizes (250, 400 and 550µl tubes). 79mm (3 $\frac{1}{8}$ ") long. **3 per bag, 24 bags per case.**



CATALOG NO.	PRICE/BAG
F19925-0001	\$13.75

Pestle and Matched 1.5ml Tube

Homogenize or Resuspend Contents of Microcentrifuge Tubes

Disposable polypropylene pestles are used to homogenize or resuspend precipitates such as protein or DNA pellets in buffer solutions or for grinding plant or other tissue samples. The pestles are 8.5cm (3 $\frac{1}{2}$ ") long and are supplied with 1.5ml microcentrifuge tubes that are the same shape as the pestle for a matched fit. Excellent for processing large numbers of samples. **100 per bag, 10 bags per case.**



PP A

CATALOG NO.	DESCRIPTION	PRICE/BAG
F19923-0000	Pestle and 1.5ml tubes	\$55.50
F19923-0001	Polypropylene pestles	44.85

Tissue Grinder

Polypropylene tissue grinder efficiently homogenizes tissue and cells in test, centrifuge, and grinding tubes. The cone tip tapers from 8.2mm (.325") down to 2.9mm (.115") in a length of 19mm (.75") and has a rounded end. 21cm (8 $\frac{1}{4}$ ") long overall with a 4.8mm ($\frac{3}{16}$ ") diameter shaft. Steam autoclavable at 121°C (250°F). **6 per bag, 6 bags per case.**

PP A



CATALOG NO.	DESCRIPTION	PRICE/BAG
F19921-0001	Conical Grinder	\$10.85



Micro Sample Tube

Can Be Opened and Closed Repeatedly

These micro sample tubes have a captive plug and will withstand the forces of a microcentrifuge. Polypropylene tubes are steam autoclavable at 121°C (250°F). **100 per bag, 10 bags per case.**

PP A

CATALOG NO.	MATERIAL	VOLUME	LENGTH	DIAMETER	PRICE/BAG
F19929-0000	Polypropylene	1.5ml	42mm	11mm	\$14.50

Vortexer Attachments for Microcentrifuge Tubes

U.S. Patent No. 4,883,644

Mix Contents of Up to 20 Tubes at One Time

These Vortexer Attachments securely hold either a maximum of 8 or 20 microcentrifuge tubes, 1.5ml capacity, in a disk for simultaneous vortexing. Tube contents are mixed by holding the shaft vertically or at a slight angle with its end against the rubber pad or test tube cup of a vortexer. The 165mm (6 $\frac{1}{2}$ ") long shaft has a 25.4mm (1") diameter ball handle. Made of polypropylene with a Delrin® shaft. **Packed per each, 6 per case.**



PP DELRIN

CATALOG NO.	FOR TUBES	PLACES	PRICE/EACH
H37080-0008	1.5ml	8	\$45.75
H37080-0020	1.5ml	20	50.40

For A Full Range of Life Science Products, See Page 73-87