

Bead Mill Consumables

Bead Ruptor Bead Tube Kits include everything you need to homogenize efficiently.

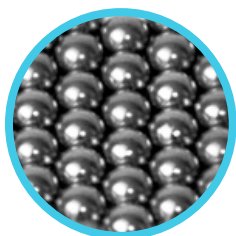
Bead beating is the most effective and versatile lysis method available.

Omni International offers users the ultimate flexibility with a range of bead beating tubes and lysing matrices to support efficient homogenization of a wide range of samples. Bead Ruptor bead beating tubes can be purchased in bulk or pre-filled with an optimized amount of lysing matrix to provide efficient, consistent, and high-yield sample homogenates.

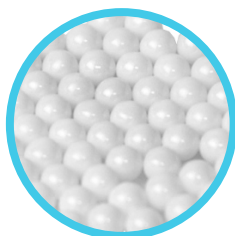
Features

- Wide variety of lysing matrices available
- Tubes are optimized to withstand high impact forces
- Multiple purity grades to ensure high analyte integrity

Bead mill homogenizers allow for closed vessel and multiple sample processing with no risk of cross-contamination. These homogenizers are very beneficial to laboratories that often process multiple small volume samples.



Metal



Ceramic










































































Garnet



OMNI
International
The Homogenizer Company®

Pre-filled Bead Mill Tubes

BEAD MILL HOMOGENIZER SUPPLIES

Bead Media	Tube Size	Bead Size	Description	Quantity	Order #	Bead Ruptor Compatibility			DNase /Rnase Free	Microbial DNA Free
						BR4	BR12	BR 24		
Glass	2 mL	0.1 mm	Micro-Organism Lysing	50	19-621					
		0.5 mm	Tough Micro-Organism Lysing	50	19-622					
		0.5 mm	Tough Micro-Organism Lysing	50	19-622D					
Garnet	0.5 mL	0.15 mm	Small Volume Micro-Organism Lysing	50	19-623					
	2 mL	0.7 mm	Hard & Fibrous Tissue Homogenizing	50	19-624					
Carbide	0.5 mL	0.25 mm	RNA Extractions, Micro-Organism & Soil Homogenizing	50	19-625					
Metal	1.5 mL	2.4 mm	Hard Tissue Grinding	50	19-610					
	2 mL	2.4 mm	Hard Tissue Grinding	50	19-620					
		2.4 mm	Hard Tissue Grinding	50	19-620D					
	7 mL	2.4 mm	Hard Tissue Grinding	50	19-670					
	30 mL	2.4 mm	Hard Tissue Grinding	50	19-6350			5 m/s		
			Hard Tissue Impaction Grinding with 1/4" Ceramic	50	19-6350Z			5 m/s		
Ceramic	0.5 mL	1.4 mm	Small Volume Soft Tissue	50	19-626					
	1.5 mL	1.4 mm	Soft Tissue Homogenizing	50	19-617			5 m/s		
		2.8 mm	Hard Tissue Homogenizing	50	19-618					
	2 mL	1.4 mm	Soft Tissue Homogenizing	50	19-627					
		1.4 mm	Soft Tissue Homogenizing	50	19-627D					
		2.8 mm	Hard Tissue Homogenizing	50	19-628					
		2.8 mm	Hard Tissue Homogenizing	50	19-628D					
	7 mL	1.4 mm	Soft Tissue Homogenizing	50	19-677					
		2.8 mm	Hard Tissue Homogenizing	50	19-678					
	15 mL	2.8 mm	Hard Tissue Homogenizing	50	19-6158			5 m/s		
	30 mL	1.4 mm	Soft Tissue Homogenizing	50	19-6357			5 m/s		
			Soft Tissue Impaction Homogenizing with 1/4" Ceramic	50	19-6357Z			5 m/s		
			Hard Tissue Homogenizing	50	19-6358			5 m/s		
		2.8 mm	Hard Tissue Impaction Homogenizing with 1/4" Ceramic	50	19-6358Z			5 m/s		
	50 mL	2.8 mm	Hard Tissue Homogenizing	50	19-6508			5 m/s		




Bulk Bead Mill Tubes

BEAD MILL HOMOGENIZER SUPPLIES

Tube Selection Guide

Tube Size	VOLUME RANGE					
	20 μ L	100 μ L	1 mL	5 mL	15 mL	30 mL
0.5 mL	20 μ L - 300 μ L					
1.2 mL stripwell	20 μ L - 800 μ L					
1.5 mL	20 μ L - 1.5 mL					
2 mL	100 μ L - 1.8 mL					
7 mL			1 mL - 5 mL			
15 mL				5 mL - 15 mL		
30 mL				5 mL - 30 mL		
50 mL				5 mL - 50 mL		



Omni Bead Ruptor	Tube Size	Description	Quantity	DNase/RNase Free	Order #
Bead Ruptor 4 (25-010)	0.5 mL	Non-reinforced Tubes with caps	500		19-650
	1.5 mL	Polypropylene microtube, RNase, DNase free	500		19-661
			1,000		19-661-1000
Bead Ruptor 12 (19-050)		Non-reinforced Tubes with caps	500		19-647
	2 mL	Reinforced Tubes with caps	500		19-648
			1,000		19-649
Bead Ruptor 24 ELITE (19-040E)	7 mL	Empty Tubes with caps	500		19-651-500
			1,000		19-651
	1.2 mL	Rack of 96 Strip Well Tubes	10 racks		19-696
Bead Ruptor 24 ELITE (19-040E)	15 mL	Empty Tubes with caps	100		19-6615
			500		19-6615-500
	30 mL	Empty Tubes with caps	100		19-6635
			500		19-6635-500
	50 mL	Empty Tubes with caps	100		19-6650



Bead Ruptor 4



Bead Ruptor 12



Bead Ruptor 24 ELITE

Bulk Beads

Certified RNase/DNase free

BEAD MILL HOMOGENIZER SUPPLIES

Bead Selection Guide

BEAD MEDIA

SAMPLE TYPE	Glass		Garnet		Ceramic			Metal	
	0.1 mm	0.5 mm	0.15 mm	0.7 mm	0.1 mm	0.5 mm	1.4 mm	2.8 mm	6.5 mm
Bacteria/ Cultured Cells									
Spores									
Yeast/Fungi									
Algae/Plankton									
Soft Soil/Sediment/ Waste Water									
Clay/Faeces/ Sludge									
Soft Tissues Brain, Liver, Kidney									
Hard Tissues Heart, Muscle, Skin									
Plant Material									
Dry Grinding									
Dense Biological Material Hair, Bone, Seeds									

Bead Media	Bead Size	Bead Quantity	Description	Order #
Glass	0.1 mm	400 g	Fills 500 x 2 mL tubes	19-641
	0.5 mm	400 g	Fills 500 x 2 mL tubes	19-642
Garnet	0.15 mm	500 g	Fills 500 x 2 mL tubes	19-643
	0.7 mm	500 g	Fills 500 x 2 mL tubes	19-644
Ceramic	0.1 mm	500 g	Fills 500 x 2 mL tubes	19-683
	0.5 mm	500 g	Fills 500 x 2 mL tubes	19-684
	1.4 mm	325 g	Fills 500 x 2 mL tubes	19-645
	2.8 mm	325 g	Fills 500 x 2 mL tubes	19-646
Metal	6.5 mm	325 g	Fills 500 x 2 mL tubes	19-682
	2.4 mm	500 g	Fills 500 x 2 mL tubes	19-640



Ceramic



Garnet



Glass



Metal



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International

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Rev D