



Bead Mill MAX

HOMOGENISER BEAD MILL MAX, VWR®

VWR Bead Mill MAX is the premier model in the VWR Bead Mill homogeniser range. VWR Bead Mill MAX is designed to grind, lyse or homogenise the most difficult samples with repeatable results. The unique tube carriage motion ensures the intra-tube bead movement reduces swirling, and creates the highest bead impact force of any bead mill on the market.

- Optional cryo cooling unit for preventing increase in sample temperature during homogenisation (requires compressed air, liquid nitrogen or dry ice in ethanol) can be ordered separately
- User friendly, multi-lingual touch screen interface
- No cool down period required between runs: Process hundreds of samples per day
- Unlimited programmable memory setting for shared protocols
- Convenient front loading design features an integrated lid lock that engages during operation

Using sample tubes pre-filled with a variety of bead media, the mill vigorously and uniformly shakes the tubes providing an efficient, consistent high yield and quality homogenisation usually in less than 30 seconds. The Bead Mill MAX is ideal for sample preparation when extracting DNA, RNA, proteins and small molecules.

Drive unit is supplied with 2 ml tube carriage, user manual and 2 year warranty. VWR disposable bead tubes must be ordered separately.

Model	Bead Mill MAX
WxDxH (mm)	305x432x368
Weight (kg)	29,5
Application	Sample preparation, DNA, RNA, Protein extraction
Capacity	Max. 24 tubes: (24x0,5 ml / 24x1,5 ml / 24x2 ml / 12x7 ml / 6x30 ml)
No. of cycles	1 - 10
Sample volume	0,5 - 30 ml
Speed range	0,8 - 6,5 m/s

Description	Pk	Cat. No.
Bead mill MAX homogeniser, 230 V	1	432-0380

Description	Type	Volume	For	Pk	Cat. No.
Grinding mix					
1,5 ml snap cap tubes pre-filled with 2,4 mm metal beads	Snap cap tubes	1,5	Dry grinding, dense biological material, hair, bone, seeds	50	432-0368
2 ml screw cap reinforced tubes pre-filled with 2,4 mm metal beads	Reinforced screw cap tubes	2	Dry grinding, dense biological material, hair, bone, seeds	50	432-0374
7 ml screw cap reinforced tubes pre-filled with 2,4 mm metal beads	Reinforced screw cap tubes	7	Dry grinding, dense biological material, hair, bone, seeds	50	432-0397
30 ml screw cap tubes pre-filled with 2,4 mm metal beads	Screw cap tubes	30	Dry grinding, dense biological material, hair, bone, seeds	50	432-0402
Homogenising mix					
2 ml screw cap reinforced tubes pre-filled with 2,8 mm ceramic beads. 50 per pack	Reinforced screw cap tubes	2	Hard tissue such as heart, muscle, skin and plant material	50	432-0373
7 ml screw cap reinforced tubes pre-filled with 2,8 mm ceramic beads	Reinforced screw cap tubes	7	Hard tissue such as heart, muscle, skin and plant material	50	432-0399
30 ml screw cap tubes pre-filled with 2,8 mm ceramic beads	Screw cap tubes	30	Hard tissue such as heart, muscle, skin and plant material	50	432-0404
0,5 ml screw cap tubes pre-filled with 1,4 mm ceramic beads	Screw cap tubes	0,5	Soft tissues such as brain, liver, kidney, spleen and soft plant material	50	432-0375
1,5 ml snap cap tubes pre-filled with 1,4 mm ceramic beads	Snap cap tubes	1,5	Soft tissues such as brain, liver, kidney, spleen and soft plant material	50	432-0369
1,5 ml snap cap reinforced tubes pre-filled with 2,8 mm ceramic beads	Snap cap tubes	1,5	Hard tissue such as heart, muscle, skin and plant material	50	432-0370
2 ml screw cap tubes pre-filled with 1,4 mm ceramic beads. 50 per pack	Screw cap tubes	2	Soft tissues such as brain, liver, kidney, spleen and soft plant material	50	432-0372
7 ml screw cap reinforced tubes pre-filled with 1,4 mm ceramic beads	Reinforced screw cap tubes	7	Soft tissues such as brain, liver, kidney, spleen and soft plant material	50	432-0398
30 ml screw cap tubes pre-filled with 1,4 mm ceramic beads	Screw cap tubes	30	Soft tissues such as brain, liver, kidney, spleen and soft plant material	50	432-0403
Lysing mix					
2 ml screw cap tubes pre-filled with 0,5 mm glass beads	Screw cap tubes	2	Bacteria/cultured cells, spores, yeast, fungi, algae, plankton	50	432-0371
Beads					
1,4 mm ceramic beads, bulk packaged. Certified DNase- and RNase-free			Soft tissues such as brain, liver, kidney, spleen and soft plant material	325 g	432-0377
2,8 mm ceramic beads, bulk packaged. Certified DNase- and RNase-free			Hard tissue such as heart, muscle, skin and plant material	325 g	432-0378
2,4 mm stainless steel beads, bulk packaged. Certified DNase- and RNase-free			Dry grinding, dense biological material, hair, bone, seeds, roots	500 g	432-0376

Description	Type	Volume	For	Pk	Cat. No.
Grinding mix					
Tubes					
2 ml tubes with screw caps and O-rings, bulk packaged. Reinforced polypropylene to withstand high impact forces. O-ring in silicone. Certified DNase- and RNase-free. For use with VWR Bead Mill MAX, VWR Bead Mill, VWR Bead Mill 4 and all other commercial bead mills	Reinforced screw cap tubes	2		1,000	432-0379
7 ml screw cap reinforced tubes, bulk packaged for use with VWR Bead Mill MAX, VWR Bead Mill, and VWR Bead Mill 4	Reinforced screw cap tubes	7		500	432-0400
7 ml screw cap reinforced tubes, bulk packaged. For use with VWR Bead Mill MAX, VWR Bead Mill, and VWR Bead Mill 4	Reinforced screw cap tubes	7		1,000	432-0401
30 ml tubes with screw caps, bulk packaged. 100 per package. For use with VWR Bead Mill MAX	Screw cap tubes	30		100	432-0405
30 ml tubes with screw caps, bulk packaged. For use with VWR Bead Mill MAX	Screw cap tubes	30		500	432-0406
Accessories					
The cryo cooling unit is designed to prevent the increase of sample temperature during homogenisation. Compatible with the Bead Mill MAX 2 ml and 7 ml tube carriages			Sample preparation, DNA, RNA, protein extraction	1	432-0394
Bead Mill MAX 7 ml tube carriage kit. Holds 12x7 ml screw cap tubes			Sample preparation, DNA, RNA, protein extraction	1	432-0395
Bead Mill MAX 30 ml tube carriage kit. Holds 6x30 ml screw cap tubes			Sample preparation, DNA, RNA, protein extraction	1	432-0396



From sample to sequence

From manual to automated processes
Increase your throughput and gain more insight while saving costs and time.

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