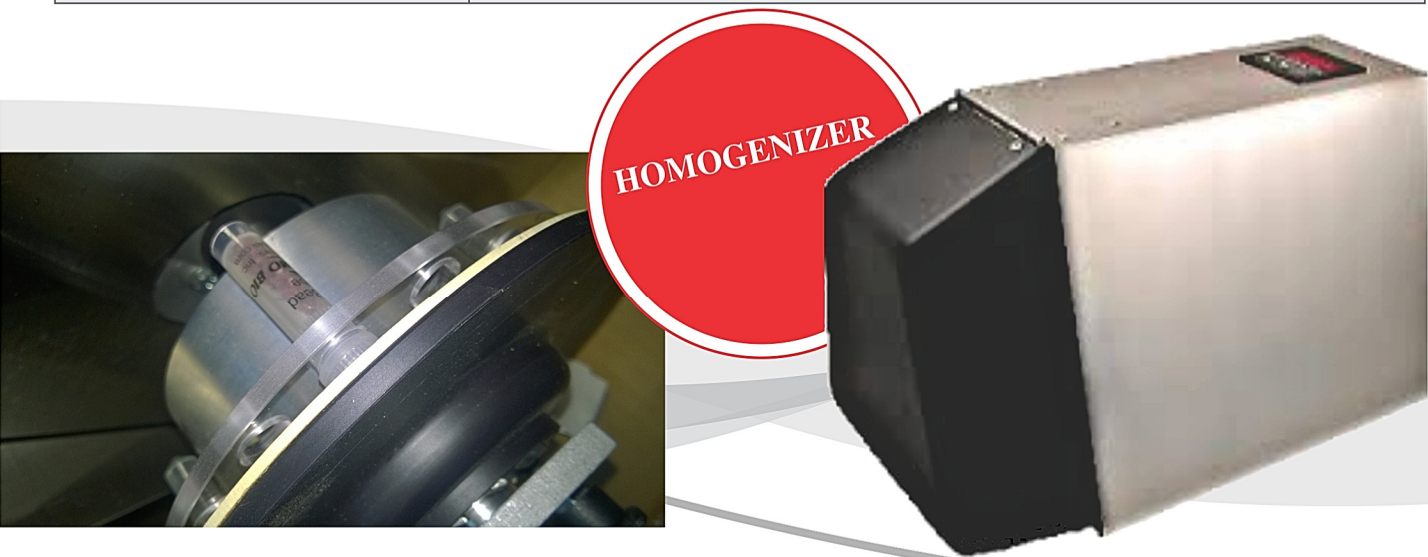




### SPECIFICATIONS

<b>Model &amp; Cat. No</b>	MBB-16 & 607EUR
<b>Capacity</b>	It could hold 16 OR 24 micro vials (1.5ml or 2 ml) each handling 1-400mg wet weight bio samples.
<b>Shaking Speed</b>	3450 oscillations/min.
<b>Throw or vial displacement</b>	0.75 inches.
<b>Features</b>	<p>Even resistant samples like yeast, spores or fibrous tissues are completely homogenized in around 3 minutes in 0.1 to 1 ml of extraction medium. The non-foaming, aerosol-free method preserves enzymes and organelles.</p> <p>In the presence of nucleic acid extraction media such as phenol, Gu-SCN or a commercial kit solution, DNA or RNA is recovered in the highest possible yield. The method is ideal for PAGE, PCR applications and diagnostics using antibody or oligonucleotide probes. Because the beads and vials are disposable, there is absolutely Zero cross-contamination between samples - essential for PCR techniques.</p> <p>The Mini-Beadbeater-16 can also be used for dry grinding. Here, steel beads are added to hard samples such as hair, bone, teeth, seeds and minerals and are completely powdered in 10-60 seconds. Softer materials such as biological tissues, rubber or plastics can be powdered by first freezing the sample to liqN<sub>2</sub> temperatures (Cryo-grinding).</p>
<b>Shaking pattern</b>	Uses proven, more efficient near horizontal vial orientation with shaking motion top-to-bottom (not side-to-side or vortex-like) shaking patterns.
<b>Programmable Timer</b>	0-5 minute digital, with auto reset.
<b>Yield expected</b>	>95%.
<b>Power Rating</b>	4 AMP AT 230V.
<b>Weight</b>	40 Lbs.
<b>Dimension</b>	10'DX16'WX12'H, 40 Lbs.
<b>Material</b>	Removable vial cassette & Rust free Stainless steel body.
<b>Input Power</b>	230-240V, 50 – 60Hz.
<b>Parts</b>	<p>Adapter for 8x 7ml vial available, if required (Cat. No- 607TC8)</p> <p>Adapter for 24x 2ml vial available, if required (Cat. No- 112011TC24)</p> <p>Adapter Aluminum for 16x 2ml vial available, if required for better cooling.</p>

# HOMOGENIZER



Accessories:	Cat. No.
Replacement foam for the hold down cap	607GF
Locking Knob AI for MBB-16	607KAL
Vial Hold down cap for MBB-16	607 LCP
Lid/shield for Mini-Bead Beater 16	607LID
AI bearing housing with central bolt	607ALH
Main Thread Assy of Wiggen Assy - Central Bolt only	607BN
Wiggen Assy For MBB-16 / MBB-24	112011-1114
Motor for Mini-Bead Beater 16, 115v or 230v	607MOT
Replacement o-ring for Mini-Bead Beater 16	607OR
Adapter to hold 1.5 ml and 2 ml snap top (MBB-16)	607TC16
Vials with screw Caps 7 ml - non sterile (100/PKG)	3201
Vials with screw Caps 7 ml - non sterile (500/PKG)	3205
Pulley Assy for the MBB-16 O-Ring tie	607PUL-W
1 pack of 2ml sterile vials with caps ( 100/PKG)	10831
2 ml sterile vials with caps (500/PKG)	522s
2 ml Non Sterile XX Tuff Vials ( 500/PKG), Sustains Organic Solvents well	330TX
Vials, 2ml with cap Non Sterile (500 pack)	10832
Silicon Rubber Caps for Steel Vials ( 100/Bag)	2008



Glass Beads:(2.5g/cc)						
Diameter(mm)	0.1	0.5	1.0	2.7	3.5	6.35
Cat. No.	11079101	11079105	11079110	11079127	11079135	11079635
Silica/Zirconia Beads:(3.7g/cc)						
Diameter(mm)	0.1	0.5	1.0	2.3		
Cat. No.	11079101z	11079105z	11079110z	11079125z		
Zirconia Beads:(5.5g/cc)						
Diameter(mm)	0.7	1.0	2.0			
Cat. No.	11079107zx	11079110zx	11079124zx			
Stainless Steel Beads:(7.9g/cc)						
Diameter(mm)	1.4	2.3	3.2	6.35		
Cat. No.	11079114ss	11079123ss	11079132ss	11079635ss		
Chrome-Steel Beads:(7.9g/cc)						
Diameter(mm)	1.3	2.3	3.2	6.35		
Cat. No.	11079113c	11079123c	11079132c	11079635c		
Tungsten Carbide:(14.9g/cc)						
Diameter(mm)	1.1					
Cat. No.	11079111wc					
Garnet sharp particle Beads:						
Diameter(mm)	0.3	1.0	2.0			
Cat. No.	11079103gar	11079110gar	11079120gar			



Tiny teardrops Aluminum Beads:\* Aluminum "beads" in the shape of teardrops or raindrops. One end is spherical and the other end comes to a point. The widest part is about 2 mm in diameter.  
\* Packaged by volume (1 liter) rather than by weight.

## BioSpec Products, Inc.

PO Box 788, Bartlesville, OK 74005, USA

E-mail: [info@biospec.com](mailto:info@biospec.com) | Website: <http://www.biospec.com>

Fax: 918-336-6060 | Phone: 918-336-3363 or 800-617-3363 (US/Canada)



## Unigenetics Instruments Pvt. Ltd.

Head Office : B-109/B, 2nd Floor, Street No. 10, Shashi Garden  
Near Kukreja Hospital, Mayur Vihar, Phase-1, Delhi-110091

Registered Office : 153, Pocket-5, Mayur Vihar, Phase-1, Delhi-110091

Tel: 0091-11-22757221 / 42603319 Mob: 0091-9312655580, E Mail: [info@unigenetics.net](mailto:info@unigenetics.net)

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