

SHAKER

DETAILED ANALYSIS



SHAKER BBT-1, 2

BBT SERIES

[MECHANICAL SHAKER]

Shaker BBT Series is for mixing and extraction of various compounds. No motor, No belt structure Shaker(BBT) has adjustable flask holder. Specially designed electromagnetic shaking mechanism has precise revolution without even 1rpm error.

No chance of mechanical failure because conventional components such as driving motor and V-belt are not used for BBT series.



Main Features

BBT SERIES

◆ Specification

1. **Dimension:** 1) 480(W) x 610(D) x 90(H) mm
2) 800(W) x 610(D) x 90(H) mm
2. **Material:** Aluminum mold & Plastic mold cover
3. **Capacity:** 250 ml flask x 23EA, 39EA
4. **Revolution system:** Electromagnetic revolution
5. **Revolution speed:** 15 to 350 rpm
6. **Control system:** Auto tuning processor
7. **Operational voltage:** 220/230 Voltage, 1Ph, 50/60 Hz

◆ Characteristic

1. Auto-tuning process minimizes deviation of revolution
2. Flask holder adjustment
3. Electromagnetic revolution system (no motor)
4. Robust and neat appearance by injection and extrusion molding
5. Casting molded fly wheels are strong against weight and load
6. No vibration and no noise by Special design without motor and V-belt
7. Timer setup is available



*MBB rack for shaker

SPECIFICATIONS

SHAKER SERIES

SHAKER Series

Model	BBT-1	BBT-2	BB-1	BB-2
Dimensions (WxDxH mm)	480 x 610 x 90	800 x 610 x 90	480 x 610 x 90	800 x 610 x 90
Installed Plate	250ml x 23EA 500ml x 16EA 1,000ml x 9EA	250ml x 39EA 500ml x 20EA 1,000ml x 15EA	250ml x 23EA	250ml x 39EA
Platform (WxD mm)	460 x 465	770 x 465	460 x 465	770 x 465
Control System	Time & Speed Microprocess controller		Speed controller	
Speed Range	20 to rpm			
Material	Al modeled & plastic mold cover			
Shaking stroke	Adjustable 25, 30, 35 mm orbit			
Electrical Equipments	220/230V , 1Ph, 50/60Hz			
Gross weight (kg)	32	55.3	32.5	55.8

RACK OF MULTI SHAKER

Model	MBB-1	MBB-2
Dimensions (WxDxH mm)	680 x 640 x 1950	1000 x 640 x 1950

*Above models are subject to change or to modify for R&D purpose without notice.

ilShinBioBase

Since 1988



Product Inquiry

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