

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, 50/60 Hz			
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.

iShinBioBase

Since 1988



Product Inquiry

Base	Address	Telephone	Fax
Overseas Sales Department	Lee Jong Ho / Deputy General Manager - jhlee@1sbb.com 84 Samyuksa-ro 548 Street, Dongduchon city, Kyungki do, Korea. ZIP 11341	+82-70-4354-3951	+82-70-7950-3951

iShinBioBase Locations

Base	Address	Telephone	Fax
본사 및 생산	경기도 동두천시 삼육사로 548번길 84	031-867-1384	070-7950-3911
서울/경기지사	서울특별시 중랑구 중랑천로 77	1577-4053	02-491-4073
수원지사	경기도 화성시 봉담읍 안당하리길 34	031-298-8147	031-298-8149
대전지사	대전시 유성구 테크노8로 58 1F	042-824-1145/6	042-824-1147
영남지사	대구광역시 동구 동호로 75, 4F	070-4354-3977/5000	070-7950-3941
호남지사	광주광역시 광산구 신가삼호로 20-15	062-951-8010	062-951-8011

Global website: www.1sbb.com