



## ORBITAL SHAKER BFL1E2 (BSOT-302)

# ORBITAL SHAKER BFL1E2

## ORBITAL SHAKER



Independent LCD display for speed and time  
Compact footprint  
Provides smooth and uniform shaking  
Two options: 7.5 kg (O330) with platform and 2.5kg (O180) with platform speed range 100-500 rpm and 100-800 rpm  
Continuous or timer operation mode  
Maintenance- free brushless DC motor  
Over speed detection and protection  
Wide range of optional platform for flasks, and other popular vessels  
Remote function provides PC control and data transmission  
Free software for PC control & data logging

## SPECIFICATIONS

Model	BFL1E2
Old Model	BSOT-302
Orbital diameter	4mm
Max. load capacity (with platform)	2.5kg
Motor type	Brushless DC motor
Motor input power	28W
Motor output power	15W
Speed range	100-800rpm
Speed display	LCD
Timer display	LCD
Time settings range	1min-99h59min
Voltage,Frequency	100-240V,50/60Hz
Power	30W
Weight	8.1kg
Permissible ambient temperature and humidity	5-40°C,80%RH
Dimension[WxDxH]	300x340x100mm
Protection class	IP20
Data connector	RS232
Alt Name	Orbital Shaker

## ACCESSORIES FOR PURCHASE

No	Name	Description
1	Dish attachment	SK180.4, Dish attachment with non-slip mat Dimension (WxD): 24x21.5 cm
2	Transparent Cover	SK180.5 Transparent Cover for Syphilis Serum Test, 32x32x8.3 cm
3	Silicone mattress	for 10 x 5~10 mL tubes
4	Silicone mattress	for 4 x 50 mL tubes
5	Universal attachment with 3 bars	SK180.1, Size: 25x24.5 cm Capacity for flask: 25 mLx10 pcs, 50 mLx8 pcs, 100 mLx6 pcs, 250 mLx4 pcs, 500 mLx2 pcs
6	Lengthways roller attachment	SK180.3,, mainly used for separation funnel oscillation extraction applications 500 mLx2 pcs, 250 mLx3 pcs, 100/125 mLx3 pcs, 50 mLx4 pcs
7	Bar	Bar for SK180.1 universal attachment

8	sticks	Connect sticks for double dishes shaker
9	Fixing clip	SK180.2, Fixing clip attachment Size: 25 x 24 cm
10	Fixing clip	For flask volume 25 mL, used with SK330.2 [28 pcs], SK180.2 [9 pcs]
11	Fixing clip	for flask volume 50 mL, used with SK330.2 [16 pcs], SK180.2 [9 pcs]
12	Fixing clip	for flask volume 100 mL, used with SK330.2 [16 pcs], SK180.2 [9 pcs]
13	Fixing clip	for flask volume 200/250 mL, used with SK330.2 [9 pcs], SK180.2 [4 pcs]
14	Fixing clip	for flask volume 500 mL, used with SK330.2 [9 pcs], SK180.2 [2 pcs]



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## APPLICATIONS

Suitable for mixing in culture dishes, flasks and beakers. Ideal for aeration and extraction applications. It can be used in environmental chambers and CO2 incubators.



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