ORBITAL SHAKER BFL1E1 (BSOT-303)

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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	BFL1E1
Old Model	BSOT-303
Orbital diameter	10mm
Max. load capacity (with platform)	7.5kg
Motor type	Brushless DC motor
Motor input power	28W
Motor output power	15W
Speed range	100-500rpm
Speed display	LCD
Timer display	LCD
Time settings range	1min-99h59min
Voltage,Frequency	100-240V,50/60Hz
Power	30W
Weight	12kg
Permissible ambient temperature and humidity	5-40℃,80%RH
Dimension[WxDxH]	370x420x100mm
Protection class	IP21
Data connector	RS232
Alt Name	Orbital Shaker

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Dish platform	SK330.5 Dish platform with non-slip mat and fixed string (8pcs) Dimension [WxD]: 30 x 28.5 cm
2	Silicone mattress	For 16 x 5~15 mL tubes, use with SK330.5
3	Silicone mattress	For 6 x 50 mL tubes, use with SK330.5
4	Transparent shield	SK330.6 Transparent shield, serologic test for syphilis, 41 x 39.5 x 10 cm
5	Universal attachment with 4 bars	SK330.1, Size: 32 x 32 cm Capacity for flask: 25mL x 21 pcs, 50mL x 15 pcs, 100mL x 12 pcs, 250mL x 6 pcs, 500mL x 4 pcs
6	Lengthways roller attachment	SK330.3,, mainly used for separation funnel oscillation extraction applications 500mL x 3 pcs, 250mL x 4 pcs, 100/125mL x 4 pcs, 50mL x 5 pcs

7	Bar	Bar for SK330.1 universal attachment
8	sticks	Connect sticks for double dishes shaker
9	Fixing clip attachment	SK330.2, Size: 32 x 32 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]

1	2	3	4	5	6

7	8	9	10	11	12

13	14

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.