



ORBITAL SHAKER BER-3101

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1. Temperature setting, measuring, and running state show on one large LCD screen, with rotary encoder switch.
2. The operating parameters can be remembered and protected. Automatically resume operation if the power supply cut off.
3. Speed control : intelligent brushless DC motor, high speed accuracy, slow start design, auto lock if speed out of control. adjustable starting speed to prevent the splash of shake flask liquid.

SPECIFICATIONS

Model	BER-3101
Shaking Mode	Cyclotron oscillation
Function	
--Amplitude	φ10mm
--Rotary Speed Range	100~500rpm
--Rotary Speed Precision	±1rpm
Structure	
--Out Shell	ABS
--Motor Type	Brushless motor
--Tray	Anodizing Aluminum
--Driving Mode	Four horizontal points
--Power Rating	0.03kW
Controller	
--Cyclotron Control Mode	LCD, PID intelligent control
--Cyclotron Setting Mode	Rotary coding switch
--Speed Display Mode	LCD display
--Timer	0 ~ 9999 min (with timing function)
--Operation Function	Fixed value operation, timing function, bidirectional automatic switchover, auto stop, quick stop start
--Speed Sensor	Hoare
--Additional Function	Deviation calibration, power-off memory
Safety Device	Intelligent low speed start, blocking protection
Specification	
--Exterior Size (W*L*H)(mm)	365*450*222
--Packing Size (W*L*H)(mm)	470*550*325
--Tray Size (mm)	320*320
--Load Per Tray	≤5kg
--Tray Number	1
--Supply (50/60Hz) Current Rating	AC220V/0.14A
--NW/GW (kg)	10/15
Optional Type	Universal spring grid trayFlask Clip Tray 250ml*9/500ml*4
Alt Name	Orbital shaker

APPLICATIONS

Experiment of sample shake in solution, fixation of electrophoretic gel separate band, oscillate shaking of coomassie blue dyeing and decolorization, Immobilization, staining and development of silver nitrate.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com