

**BRANDON™**

'One Stop Centre' supplier for all scientific equipment, glassware and safety equipment for local and international industries

JATIKHAS SDN BHD (402338-A)

NO. 10 & 10-1, JALAN AVENUE 1 AMPANG AVENUE,  
68000 AMPANG, SELANGOR

TEL: 03-4296 5355 FAX: 03-4295 6005

E-MAIL: [sales@jatikhas.com](mailto:sales@jatikhas.com) WEBSITE: [www.jatikhas.com](http://www.jatikhas.com)

## ORBITAL SHAKER



## Specifications

## Features

- ◆ Temperature setting, measuring, and running state show on one large LCD Screen, with Rotary Encoder switch.
- ◆ The operating parameters can be remembered and protected. Automatically resume operation if the power supply cut off.
- ◆ 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.

MODEL		BDS-O20
Shaking Mode		Cyclotron oscillation
Function	Amplitude	φ20mm
	Rotary Speed Range	30 ~ 200 (r/min)
	Rotary Speed Precision	±1rpm
Structure	Outer Shell	ABS
	Motor Type	Brushless motor
	Tray	Anodizing Aluminium
	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)	415*500*275
	Tray Size (mm)	320*320
	Load per Tray	≤5kg
	Tray Number	1
	Supply (50/60 Hz) Current Rating	AC220V/0.14A
	NW/GW (kg)	10/15