

# digital orbital shaker

Compact and packed full of high-end design features, the Digital Orbital Shaker is a versatile shaker for a vast range of protocols

Its no-stop electronic motor feedback, allows the unit to instantly adjust to weight load changes and unbalanced loads for truly reproducible results. Very low start speed provides sensitive sample agitation, with a high top end and good stability for more vigorous applications. Time and speed can be separately set and are easily read on the back lit display. The unit is powered by 12V DC, includes double insulated worldwide power adapter, 110V to 240V, supplied with 4 different plugs. Long-life maintenance free motor and drive. The case is resistant to most commonly used chemicals, and is easy to clean.



TECHNICAL SPECIFICATIONS	
Speed Range:	20 to 300 rpm 1 rpm increments
Orbit Diameter:	19mm
Timer Range:	0 to 74 hours and 59 minutes, 1 second increments or continuous
Maximum Load:	4.5 kg
Ambient Conditions:	2° to 40°C; 20 to 80% RH, non-condensing
Platform Interior Dimensions, W x D	27.9cm x 27.9cm
For Indoor use ONLY	

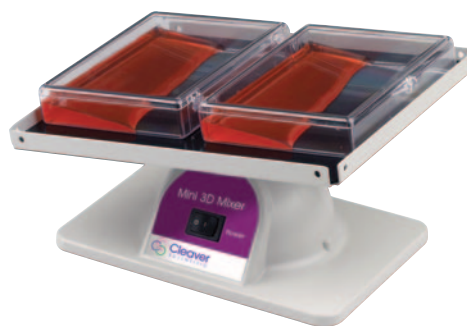
## KEY FEATURES

- Body made from durable ABS to resist most commonly used chemicals, and is easy to clean
- No-stop electronic motor feedback, enables the unit to instantly adjust to weight load changes and unbalanced loads for truly reproducible results
- A high weight loading of 4.5 kg, with an overload protection shut-off
- Suitable for use in incubators and cold rooms within the stated temperature range
- Soft-start and shut down feature at higher speeds reduces spill instances from full vessels
- Very low start speed for sensitive sample agitation, with a high top end and good stability for more vigorous applications
- Long-life maintenance free motor and drive

## KEY FEATURES

- The perfect speed and tilt for blotting and gel staining
- Three-dimensional motion
- Designed for use with Blot Boxes

MINIMIX



### Blot Boxes

These gel staining / blotting boxes are available in 4 sizes and are the ideal accessory for incubating blots or staining gels.

## 3D shaker

MiniMix combines the motions of orbital shaking and rocking to produce a gentle, but thorough, 3-D action that is perfect for antibody incubation of western blots and staining gels. This allows users to work with minimal volumes, thus conserving valuable probes and antibodies. The MiniMix's compact and light weight design allows it to be moved around the lab where needed.

TECHNICAL SPECIFICATIONS	
Speed	18rpm (115V) / 20 rpm (230V)
Motion	3-D, nutating
Tilt Angle	5°
Platform Size (WxD)	20x16.5cm
Ambient Operating Range	4-65°
Dimension (WxDxH)	20.3x17.8x10.5cm
Weight	0.88kg
Electrical	115/230V 50/60Hz

### ORDERING INFORMATION

**ORBITAL2** Digital Orbital Shaker

**CSL3DSHAKER\*** MiniMix 3D Shaker with 20x16.5cm tray and non-slip rubber mat  
 CSL-BB9X6 Gel/Blot box, 9.1 x 6.6cm, 3-5ml capacity, 10/pack  
 CSL-BB11X8 Gel/Blot box, 11.7 x 8.9cm, 6-10ml capacity, 10/pack

CSL-BB12X12 Gel/Blot box, 12 x 12cm, 1/pack  
 CSL-BB20X16.5 Gel/Blot box, 20 x 16.5cm, 1/pack

\* For 110V units, add \$ to order code

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**Wolflabs**

# Wolf Laboratories Limited

[www.wolflabs.co.uk](http://www.wolflabs.co.uk)

Tel: 01759 301142

Fax: 01759 301143

[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)



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**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

