

# Cole-Parmer®

## Cole-Parmer® Orbital Shakers - SH-200D-O and SH-200D-O-L

- Smooth orbital shaking action
- Orbit of 16mm is ideal for larger samples
- Built-in digital timer
- Variable speed control to 300rpm
- Large shaker is supplied with cradle system and small shaker with flat and no-slip mat



SH-200D-O  
Orbital Shaker

# Cole-Parmer® Orbital Shakers - SH-200D-O and SH-200D-O-L



SH-200D-O Orbital Shaker

## SH-200D-O

The Cole-Parmer® compact SH-200D-O provides a smooth uniform circular motion with an orbit of 16mm. It is supplied with flat platform and non-slip mat. The shaking action is ideal for samples of 0.5 to 5ml held in multi well plates, dishes and Petri dishes.

The shaker can be used in incubators and environmental chambers (up to 40°C and 80% humidity). Alternatively, an accessory cradle system is available that can accommodate a variety of vessels including flasks, bottles or beakers via four rubber securing bars. It turns the SH-200D-O into a very effective mini platform shaker. It will hold up to: 4 x 250ml or 2 x 500ml or 1 x 1000ml Erlenmeyer 8 flasks or bottles. The flexible cradle system has the benefit that different combinations of vessels can be used offering maximum versatility. Speed is variable from 30 to 300 rpm. Once set on the digital display, the shaking speed is effectively maintained even over long periods of time. Shaking times can be set to run for 1 to 999 minutes on the built-in digital timer, or the unit can be set for continuous operation.

## SH-200D-O-L

The SH-200D-O-L has all the features of the SH-200D-O but in a larger unit. The SH-200D-O-L comes complete with a cradle system, rather than a non slip mat, to comfortably hold flasks. The cradle type platform has four rubber cushioned horizontal securing bars with quick release handles. They can be easily adjusted both vertically and horizontally to hold most sizes and types of vessel, including flasks, bottles and beakers. For example, they will accommodate the following Erlenmeyer flasks or bottles: 12 x 250ml or 9 x 500ml or 4 x 1000ml or 2 x 2000ml. The main advantage of this cradle system is that it can accommodate different sizes of vessel, a common requirement where shakers are used by different people in the laboratory.



SH-200D-O-L Orbital Shaker

## Technical Specification

Specification	SH-200D-O	SH-200D-O-L
Shaking action	Orbital	Orbital
Platform dimensions (w x l)	220 x 220mm	335 x 335mm
Speed range	30 to 300rpm	30 to 300rpm
Orbit / amplitude	16mm	16mm
Maximum load	3kg	10kg
Overall dimensions (w x d x h)	240 x 300 x 140mm	360 x 420 x 270mm
Operational temperature range	+4 to +40°C	+4 to +40°C
Maximum permissible humidity	80%	80%
Net weight	5kg	11kg
Electrical supply	230V, 50Hz, 50W - 120V, 60 Hz	230V, 50Hz, 50W - 120V, 60 Hz

SH-200D-O-L Orbital Shaker



## Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
Cole-Parmer® Shaker, orbital, mini 230V, 50Hz	51901-10	SH-200	SH-200D-O	SSM1
Cole-Parmer® Shaker, orbital, mini 120V, 60Hz	51901-11	SH-200	SH-200D-O-120	SSM1/120V/60
Cole-Parmer® Shaker, orbital, large 230V, 50Hz	51901-00	SH-200	SH-200D-O-L	SSL1
Cole-Parmer® Shaker, orbital, large 120V, 60Hz	51901-01	SH-200	SH-200D-O-L-120	SSL1/120V/60

## Accessories

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
Cole-Parmer® Accessory cradle with 4 securing bars mini	51700-97	SH-200	SH-200D-O/SH-200D-O-120	SSM1/1
Cole-Parmer® Large platform (340 x 300mm, holds up 8 plates)	51700-98	SH-200	SH-200D-O/SH-200D-O-120	SSM1/2
Cole-Parmer® Clear Acrylic lid mini	51700-99	SH-200	SH-200D-O/SH-200D-O-120	SSM1/3
Cole-Parmer® Accessory cradle with 4 securing bars large	51700-95	SH-200	SH-200D-O-L/SH-200D-O-L-120	SSL1/1
Cole-Parmer® Large flat platform, 510 x 510mm	51700-96	SH-200	SH-200D-O-L/SH-200D-O-L-120	SSL1/2

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