

Light Duty Shakers are designed for applications with loads under 8 lb. Choose from two orbits and speed ranges to optimize your sample mix. Microprocessor-controlled and available as an analog model with basic speed control, two digital models which include a non-slip mat that can be removed to mount flask clamps and tube racks directly onto the tray, and a digital Microplate Shaker model which can hold up to 4 microplates or 2 microtube racks.



Manufacture: Ohaus
SKU: 30391898
Weight: 24.00 lb
Free Ground Shipping
within the 48
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Features

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Applications

ELISA Assays, Cell Cultures, Immunoassays, Protein Studies, Bacterial and Yeast Cultures, Staining/Destaining, Blotting Techniques, DNA Studies

Display

Easy-to-read, independent LED displays for speed/time allow the operator to view all settings simultaneously (digital models) and basic control knobs with dial markings for speed/time (analog models)

Operation

Detachable 3-wire cord and plug (included)

Design

Non-slip mat (11.75 x 8.75 inches or 29.9 x 22.2 cm) included with all models except the Microplate Shaker

Standard Features

- **Microprocessor— Controlled for Consistent Shaking Action** The variable speed, microprocessor control provides consistent, uniform shaking action. The microprocessor displays the last set-point and will restart if power is interrupted (on digital models).
- **Triple Eccentric Drive Provides Reliable Service and Continuous Duty Operation** Triple eccentric drive with permanently lubricated ball bearings and maintenance-free, brushless DC motor provide reliable service and continuous-duty operation.
- **Safety Features Include Speed Ramping and Overload Protection** Units slowly increase speed to desired set-point to avoid splashing. Digital models feature overload protection—audible and visual signals activate when system detects an obstruction or tray overload.

Specifications

Model	SHLD0415AL Control	SHLD0403DG Analog	SHLD0415DG Digital	SHLDMP03DG Digital	Digital
Motion	Orbital, 0.6 in. / 15 mm	Orbital, 0.1 in. / 3 mm	Orbital, 0.6 in. / 15 mm	Orbital, 0.1 in. / 3 mm	
Speed Range	40 to 300 rpm	100 to 1200 rpm	40 to 300 rpm	100 to 1200 rpm	
Timer	N/A	1 second to 160 hoursm			
Capacity	8 lb / 3.6 kg				4 Microplates or 2 Microtube Racks
Working Environment	32 °F – 104 °F / 0 °C to 40 °C, 80% RH, non-condensing	14 °F – 140 °F / -10 °C to 60 °C, 80% RH, non-condensing			
Drive System	Brushless DC Motor; Triple Eccentric				
Tray Size (L × W)	11.75 × 8.75 in. / 299 × 222 mm			11 × 7.75 in. / 279 × 197 mm	
Tray Construction	Aluminum				
Dimensions (H × L × W)	4.3 × 16.3 × 10.3 in. / 108 × 413 × 260 mm				
Net Weight	24 lb / 10.9 kg				
Power	120V, 5A, 50/60Hz				
Power Consumption	25 W				

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