

OHAUS Incubating Light Duty Shakers are designed to incubate samples from 10° below ambient to 65°C depending on the model. The Incubating Mini Shaker has an 8 lb (3.6 kg) capacity while the Incubating Microplate Shaker can hold up to four standard or deep well plates. Incubating-Cooling Mini Shaker is designed to hold two microplates or two optional modular tube blocks. All models feature LED displays with touchpad controls.



Manufacture: Ohaus
SKU: 30391938
Weight: 20.00 lb
Free Ground Shipping
within the 48
continental US States

Please Call
(800)832-0055

Features

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Applications

Immunoassays, Hybridizations, Cell Cultures, Bacterial & Yeast Cultures and Suspensions, ELISA Assays, PCR, Enzyme Reactions

Display

Easy-to-read, independent LED displays for temperature, speed and time allow the operator to view all settings simultaneously

Operation

Detachable 3-wire cord and plug (included)

Communication

N/A

Construction

Cast aluminum housing with polycarbonate lid, brushless DC motor

Design Features

Spill-resistant design, overload protection, caution hot indicator

Operating Features

- **Microprocessor Control:** The variable speed microprocessor control provides consistent uniform shaking action. Microprocessor will display last set-point and will restart if power is interrupted.
- **PID Temperature Controller:** Maintains precise temperature control from ambient +5°C to 65°C. Easy-to-use controls allow users to adjust temperature in 1°C increments.
- **Triple Eccentric Drive:** Permanently lubricated ball bearings and maintenance free, brushless DC motor provide reliable service and continuous duty operation.
- **LED Display:** Touch pad controls with easy-to-read, independent LED displays for temperature, speed and time allow operator to view all settings at once. Provides repeatable and accurate results every time and is easily visible across lab benches. Timer will display elapsed time or, when programmed to user defined limit, will shut off unit when time reaches zero. Display will show last used settings, even after power has been turned off.
- **Temperature Calibration Mode:** Allows user to calibrate unit to an external temperature device.

Safety Features

- **Overload Protection:** Audible and visual signals will activate when system detects an obstruction or overload of the tray.
- **Speed Ramping Feature:** Slowly increases speed to desired set-point to avoid splashing.
- **Audible Alarm:** In timed mode, alarm will sound when the time reaches zero. **Caution Hot Indicator:** Symbol illuminates when the temperature of the air in the chamber reaches 40°C and remains lit until temperature cools down.
- **Spill-Resistant Design:** Channels fluids away from internal components.
- **Polycarbonate Lid:** Permits viewing of samples without disturbing internal temperature

Specifications

ISLD04HDG
30391924

ISLDMPHDG
30391938

ISLDMPHDGL
30391931

Shaker Type Incubating Light Duty Orbital Shaker

Incubating Microplate Shaker

Incubating Microplate Shaker with Opaque Lid

Control Digital

Motion Orbital, 0.1 in. / 3 mm

Speed Range 100 – 1200 rpm

Speed Accuracy ± 2%

Temperature Range Ambient +5 °C – 65 °C

Temperature Uniformity ± 0.5 °C at 37 °C

Timer	1 second – 160 hours	
Capacity	8 lb / 3.6 kg	4 Microplates or 2 Micro-tube Racks
Working Environment	41 °F – 104 °F, 80% RH*, non-condensing / 5 °C – 40 °C, 80% RH, non-condensing	
Drive 3	Brushless DC Motor; Triple Eccentric	
Tray Construction	Aluminum	
Tray Dimensions (L x W)	11 x 7.75 in. / 279 x 197 mm	
Overall Dimensions (L x W x H)	17 x 11 x 10.7 in. / 432 x 279 x 270 mm	17 x 11 x 7.75 in. / 432 mm x 279 mm x 197 mm
Net Weight	24.5 lb / 11.1 kg	19.6 lb / 8.9 kg
Power	120V, 5A, 50/60Hz / 230V, 5A, 50/60Hz	
Power Consumption	450 W	

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