



Incubating Light Duty Orbital Shakers



Save Incubator Space with Benchtop Orbital Shakers

OHAUS Incubating Light Duty Shakers are designed to incubate samples from 5°C above ambient to 65°C. The Incubating Light Duty Shaker has a 3.6 kg capacity while the Incubating Microplate Shaker can hold up to four standard or deep well plates and is available with a clear polycarbonate lid for viewing samples or with an opaque lid for light sensitive applications.

Standard Features:

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

Incubating Light Duty Orbital Shakers

| Model | ISLD04HDG | ISLDMPHDG | ISLDMPHDGL |
|--------------------------------|---|-------------------------------------|--|
| Product Description | Incubating Light Duty Orbital Shaker | Incubating Microplate Shaker | Incubating Microplate Shaker with Opaque Lid |
| Control | Digital | | |
| Motion | Orbital, 3 mm | | |
| Speed Range | 100 rpm – 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 | 3.6 kg | 4 Microplates or 2 Micro-tube Racks | |
| Working Environment | 5 °C – 40 °C, 80% Relative Humidity, non-condensing | | |
| Drive System | Brushless DC Motor; Triple Eccentric | | |
| Tray Construction | Aluminum | | |
| Tray Dimensions (L × W) | 279 × 197 mm | | |
| Overall Dimensions (L × W × H) | 432 × 279 × 270 mm | 432 mm × 279 mm × 197 mm | |
| Net Weight | 11.1 kg | 8.9 kg | |
| Power | 230V, 5A, 50/60Hz | | |
| Power Consumption | 450 W | | |

Other Standard Features and Equipment

Spill-resistant design, caution hot indicator, detachable 3-wire cord and plug (included)

Compliance

- **Product Safety:** EN 61010-1, EN 61010-2-010, EN 61010-2-051
- **Electromagnetic Compatibility:** EN 61326-1 Class A, Industrial Environments
- **Compliance Marks:** CE, RCM; TÜV SÜD

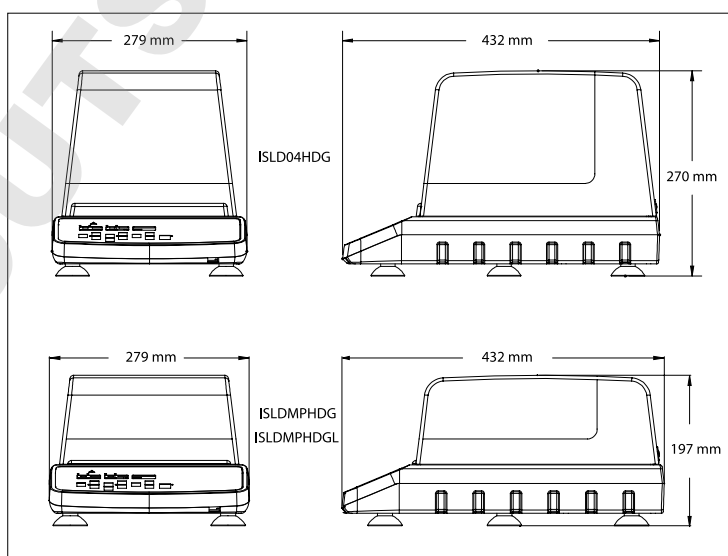
Applications

Immunoassays, hybridizations, cell cultures, bacterial & yeast cultures and suspensions, ELISA assays, PCR, enzyme reactions

Accessories

| Accessories for ISLD04HDG | | |
|--|--------------------------------|-----------------|
| Item No. | Description | Max. per Shaker |
| 30400084 | Flask Clamp, 10 mL | 35 |
| 30400085 | Flask Clamp, 25 mL | 20 |
| 30400086 | Flask Clamp, 50 mL | 12 |
| 30400087 | Flask Clamp, 125 mL | 8 |
| 30400088 | Flask Clamp, 250 mL | 5 |
| 30400099 | Flask Clamp PVC 125 mL | 8 |
| 30400100 | Flask Clamp PVC 250 mL | 4 |
| 30400114 | Micro Tube Rack | 2 |
| 30400115 | Test Tube Rack 10-13 mm Ø | 1 |
| 30400116 | Test Tube Rack 14-16 mm Ø | 1 |
| 30400119 | Test Tube Rack For 15 mL Tubes | 1 |
| 30400120 | Test Tube Rack For 50 mL Tubes | 1 |
| Accessories for ISLDMPHDG and ISLDMPHDGL | | |
| 30400114 | Micro Tube Rack | 2 |

Dimensions



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The management system governing the manufacture of this product is ISO 9001:2015 certified.

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