



Incubating Cooling Orbital Shakers



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Save Incubator Space with Benchtop Orbital Shakers

OHAUS Incubating Cooling Orbital Shakers are designed to incubate samples from 10°C below ambient to 65°C. Incubating Cooling Shaker is designed to hold two microplates or two optional modular tube blocks in a variety of configurations. All models feature touchpad controls with easy-to-read, independent LED displays for temperature, speed and time. Microprocessor control provides consistent uniform shaking action.

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**
Unit slowly increases speed to desired setpoint to avoid splashing and features overload protection. Audible and visual signals activate when the system detects an obstruction or tray overload.

Incubating Cooling Orbital Shakers

| Model | ISICMBCDG |
|--------------------------------|--|
| Control | Digital |
| Motion | Orbital, 0.1 in. / 3 mm |
| Speed Range | 100 – 1200 rpm |
| Speed Accuracy | ± 2% |
| Temperature Range | 10 °C below ambient – 65 °C |
| Temperature Uniformity | ± 0.5 °C at 37 °C |
| Timer | 1 second – 160 hours |
| Capacity | 2 Microplates or 2 Modular Blocks |
| Working Environment | 41 °F – 104 °F, 80% RH*, non-condensing / 5 °C – 40 °C, 80% RH, non-condensing |
| Drive System | Brushless DC Motor; Triple Eccentric |
| Overall Dimensions (L × W × H) | 16.5 × 10.1 × 11 in. / 419 × 257 × 279 mm |
| Net Weight | 29.5 lb / 13.4 kg |
| Power | 120V, 2A, 50/60Hz |
| Power Consumption | 160 W |

*Relative Humidity

Other Standard Features and Equipment

Caution hot indicator, detachable 3-wire cord and plug (included)

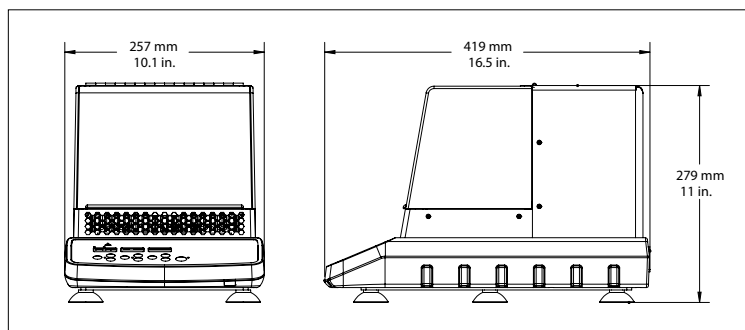
Compliance

- **Product Safety:** CAN/CSA C22.2 61010-1, CAN/CSA C22.2 61010-2-010, CAN/CSA C22.2 61010-2-051, UL 61010-1
- **Electromagnetic Compatibility:** ICES-003 Class A, FCC Part 15 Class A
- **Compliance Marks:** TÜV SÜD

Applications

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

Dimensions



Accessories

| Item No. | Description | Max. per Shaker | No. of Wells | Well Diameter (mm) | Well Depth (mm) |
|----------|---|-----------------|--------------|--------------------|------------------|
| 30400151 | Module Block for 10 mm Ø Test Tubes | 2 | 24 | 10.7 | 48.4 |
| 30400152 | Module Block for 12/13 mm Ø Tubes | 2 | 20 | 13.9 | 48.4 |
| 30400156 | Module Block Combination | 2 | 14 | 26.2, 13.8, 8.3 | 48.4 |
| 30400157 | Module Block for 0.5 mL Microtaper | 2 | 30 | 7.9 | 27.6 |
| 30400158 | Module Block for 6 mm Ø Test Tubes | 2 | 30 | 8.3 | 48.4 |
| 30400159 | Module Block for 1.5 mL Microtaper | 2 | 20 | 11.1 | 39.1 |
| 30400168 | Module Block for 50 mL Conical Centrifuge Tubes | 2 | 5 | 29 | 47.6 |
| 30400172 | Module Block for 15 mL Conical Centrifuge Tubes | 2 | 12 | 17.1 | 44.5 |
| 30400182 | Module Block For Vials 12 mm Ø | 2 | 20 | 12.7 | 30 |
| 30400183 | Module Block For Vials 15 mm Ø | 2 | 20 | 15.8 | 35 |
| 30400184 | Module Block For Vials 17 mm Ø | 2 | 12 | 17.8 | 45 |
| 30400185 | Module Block For Vials 19 mm Ø | 2 | 12 | 19.7 | 45 |
| 30400186 | Module Block For Vials 21 mm Ø | 2 | 9 | 21.7 | 45 |
| 30400187 | Module Block For Vials 23 mm Ø | 2 | 8 | 23.8 | 45 |
| 30400188 | Module Block For Vials 25 mm Ø | 2 | 8 | 25.8 | 45 |
| 30400189 | Module Block For Vials 28 mm Ø | 2 | 6 | 28.8 | 45 |
| 30400190 | Module Block For Vials 16 mm Ø | 2 | 15 | 16.4 | 45 |
| 30400191 | Module Block for 2.0 mL Tubes | 2 | 20 | 11.5 | 38.1 |
| 30400193 | Module Block Combo, 50 mL, 15 mL, 1.5 mL | 2 | 9 | 29, 17.1, 11.1 | 47.6, 44.5, 39.1 |
| 30400194 | Module Block Combo—Micro Tube | 2 | 21 | 11.5, 11.1, 7.9 | 38.1, 39.1, 27.6 |

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

