



Incubating Cooling Orbital Shakers



Innovatively Designed Incubating Orbital Shaker to Heat, Cool and Shake Samples

OHAUS Incubating Cooling Shakers are innovatively designed to incubate samples from 10°C below ambient to 65°C providing accurate and repeatable results. All models feature independent displays with intuitive touchpad controls and include safety features that protect both the user and samples. Sturdy shakers feature triple eccentric drive systems for stable orbital motion with microprocessor-control for reliable shaking action.

Standard Features:

- Designed to provide flexibility in your applications, these shakers are microplate ready - no accessories required, and can easily accommodate modular blocks with the included block adapter.
- When precision is required, achieve temperature accuracy with the unique temperature calibration feature for sensitive applications. Digital control for reliable and repeatable shaking speed.
- Innovative temperature system allows for fast, accurate and uniform temperatures you can trust. The unique Peltier design with direct plate-to-sample contact offers precise heating and cooling.

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)

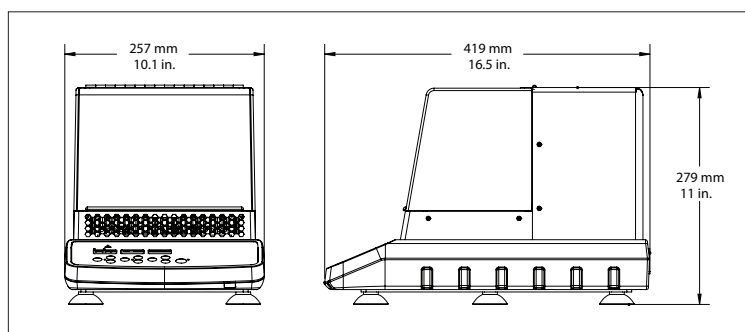
Compliance

- **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 |

75380_A 20190503 © Copyright OHAUS Corporation

