



Rocking & Waving Shakers



Reliable Rocking and Waving Shakers with Simple Adjustments for Tilt Angle and Speed

OHAUS Rocking and Waving Shakers are innovatively designed for use in a wide range of lab applications. Rocking Shakers provide controlled seesaw-like motion, while Waving Shakers offer a smooth, low-foaming, 3D wave motion. Available in microprocessor-controlled digital models and economical non-digital models. All models include a non-slip mat, and most models are available with a stacking tray option to easily double the capacity.

Standard Features:

- Electronic control allows simple tilt angle and speed adjustments while the unit is still running to achieve optimal mixing.
- Achieve reproducible results you can trust with digital models. Precisely adjust the tilt angle in 1° increments with variable speed down to 1 rpm with intuitive touchpad controls.
- Optimal speed ramping feature slowly increases speed to desired setpoint to avoid splashing. Smooth rocking or waving motion is maintained with state-of-the-art motor and electronics.

Rocking & Waving Shakers

| Model | SHRK07AL1 | SHRK07AL2 | SHRK04DG | SHWV02AL | SHWV02DG |
|--------------------------------|---|--------------------|----------------------|------------------------|----------------------|
| Control | Analog | Analog | Digital | Analog | Digital |
| Motion / Tilt Angle | Rocking / 0 – 15° | | | Waving / 0 – 16° | Waving / 0 – 20° |
| Speed Range | 1 – 75 rpm | | 1 – 50 rpm | 1 – 75 rpm | 1 – 30 rpm |
| Speed Accuracy | ± 1 rpm | | | | |
| Timer | 1 minute – 120 minutes | | 1 second – 160 hours | 1 minute – 120 minutes | 1 second – 160 hours |
| Capacity | 7.3 kg | | 4.5 kg | 2.3 kg | |
| Working Environment | -10 °C – 60 °C, 80% Relative Humidity, non-condensing | | | | |
| Drive System | Stepper Motor | | | | |
| Included Tray (L × W) | 356 × 279 mm | | 324 × 254 mm | 356 × 279 mm | 299 × 222 mm |
| Tray Construction | Aluminum | | | | |
| Tiers | 1 | 2 | 1 | | |
| Overall Dimensions (L × W × H) | 425 × 279 × 165 mm | 425 × 279 × 241 mm | 425 × 254 × 140 mm | 425 × 279 × 165 mm | 432 × 279 × 152 mm |
| Net Weight | 6.6 kg | 7 kg | 6.6 kg | | 6.9 kg |
| Power | 230V, 0.65A, 50/60Hz | | 230V, 5A, 50/60Hz | 230V, 0.65A, 50/60Hz | 230V, 5A, 50/60Hz |
| Power Consumption | 15 W | | 25 W | | |

Other Standard Features and Equipment

Built-in tray with non-slip rubber mat (included), overload protection with audio/visual alarm on digital models and audible alarm on analog models

Compliance

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

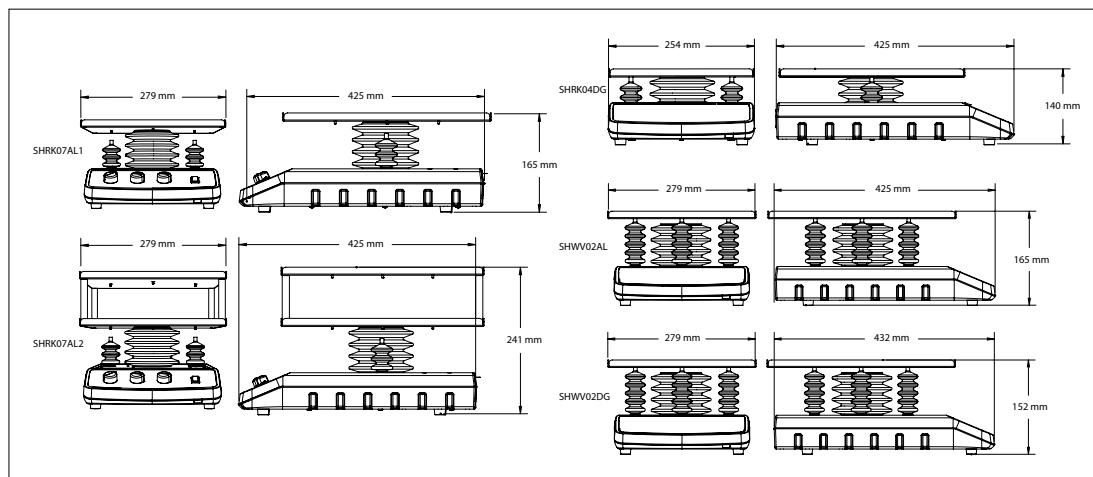
Applications

Mixing blood samples, DNA extractions, blotting techniques, staining and destaining gels, hybridizations

Accessories

| Rocking and Waving Shaker Accessories | | | | | | |
|---------------------------------------|--|-----------|-----------|----------|----------|----------|
| Item No. | Description | SHRK07AL1 | SHRK07AL2 | SHRK04DG | SHWV02AL | SHWV02DG |
| 30400137 | Double Tier Platform Kit Rocker SHRK04DG | | | • | | |
| 30400138 | Double Tier Platform Kit Waver SHWV02DG | | | | | • |
| 30400139 | Double Tier Platform Kit Rocker SHRK07AL | • | | | | |
| 30400140 | Dimpled Mat For Rocker SHRK04DG | | | • | | |
| 30400142 | Dimpled Mat For Waver SHWV02DG | | | | | • |
| 30400144 | Dimpled Mat For Rocker SHRK07AL | • | • | | • | |

Dimensions



OHAUS Europe GmbH

Heuwinkelstrasse 3,
8606 Nänikon,
Switzerland

e-mail: ssc@ohaus.com
Tel: 0041 22 567 53 19
e-mail: tsc@ohaus.com
Tel: 0041 22 567 53 20

www.ohaus.com

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

CH16E161

