

## Incubating Rocking & Waving Shakers



### Save Incubator Space with Benchtop Incubating Rocking and Waving Shakers

OHAUS Incubating Rocking and Waving Shakers are designed to incubate samples from 5°C above ambient to 65°C to provide accurate and repeatable results. Rocking shakers provide a see-saw like motion, while waving shakers offer a smooth, low-foaming three-dimensional "wave" motion. All models feature LED displays with touchpad controls. Both models include safety features that protect both the user and samples.

#### **Standard Features:**

- Independent LEDs and Touchpad Control for Temperature, Speed/Tilt Angle and Time Equipped with LED displays and touchpad controls for temperature, speed/tilt angle and time. Timer will display elapsed time or when programmed to a set time, will turn off when time reaches zero.
- Microprocessor with PID Temperature Control
   Microprocessor control provides electronic tilt angle adjustment, allowing easy adjustment
   in 1° increments for tilt and 1 rpm for speed while unit is running. PID controller for precise
   temperature control.
- Safety Features Include Speed Ramping and Overload Protection
   Units slowly increase speed to desired setpoint to avoid splashing, and feature overload protection. Audible and visual signals will activate when system detects an obstruction or overload of the tray.

# Incubating Rocking & Waving Shakers

Model	ISRK04HDG	ISWV02HDG	
Shaker Type	Rocking Shaker	Waving Shaker	
Control	Digital		
Motion / Tilt Angle	Rocking, 0 – 15°	Waving, 0 − 20°	
Speed Range	1 – 50 rpm	1 – 30 rpm	
Speed Accuracy	± 1 rpm		
Temperature Range	Ambient +5 °C – 65 °C		
Temperature Uniformity	± 0.5 °C at 37 °C		
Timer	1 second – 160 hours		
Capacity	4.5 kg	2.3 kg	
Working Environment	41 °F – 104 °F, 80% RH*, non-condensing / 5 °C – 40 °C, 80% RH, non-condensing		
Drive System	Stepper Motor		
Included Tray (L × W)	$10 \times 7.5$ in. / $254 \times 191$ mm	9.25. × 7.25 in. / 235 × 184 mm	
Tray Construction	Aluminum		
Overall Dimensions (L $\times$ W $\times$ H)	$16.5 \times 10.1 \times 10.8 \text{ in.} / 419 \times 257 \times 274 \text{ mm}$		
Inner Dimensions (L $\times$ W $\times$ H)	$10.75 \times 7.75 \times 3.8$ in. / $273 \times 197 \times 970$ mm	$10.75 \times 7.75 \times 3.4 \text{ in.} / 273 \times 197 \times 860 \text{ mm}$	
Net Weight	12.6 lb / 5.7 kg	13.7 lb / 6.2 kg	
Power	120V, 3.74A, 50/60Hz		
Power Consumption	420 W		

<sup>\*</sup>Relative Humidity

#### **Other Standard Features and Equipment**

Spill-resistant design, 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

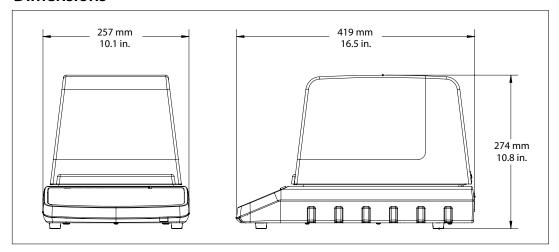
#### **Applications**

Hybridizations, cell cultures, blotting techniques, staining and destaining gels

#### **Accessories**

Incubating Rocking and Waving Shaker Accessories				
Item No.	Description	ISRK04HDG	ISWV02HDG	
30400141	Dimpled Mat, Incubating Rocker ISRK04HDG	•		
30400143	Dimpled Mat, Incubating Waver ISWV02HDG		•	

#### **Dimensions**



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

