



# Rocking & Waving Shakers



Distributed by:  
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## ***Easiest to Use in the Market with Onboard Adjustments for Tilt Angle***

OHAUS Rocking and Waving Shakers are designed for use in a range of lab applications in a variety of environmental conditions. Rocking Shakers provide a seesaw-like motion, while Waving Shakers offer a smooth, low-foaming, 3D wave motion for precise speed control. Available in microprocessor-controlled digital models and more economical analog models. All models include a non-slip mat, and most models are available with a stacking tray option.

### ***Standard Features:***

- **Microprocessor Provides Precise Control**

Microprocessor control allows for electronic tilt angle adjustment in 1° increments for tilt and 1 rpm increments for speed (digital models) or independent control knobs for tilt, speed and time (analog models).

- **Independent LEDs and Touchpad Control for Speed/Tilt Angle and Time**

Digital models are equipped with LED displays and touchpad controls for speed, tilt angle and time. Timer displays elapsed time or when programmed to a set time, will turn off when time reaches zero.

- **Safety Features Include Speed Ramping and Overload Protection**

Speed ramping feature slowly increases speed to desired setpoint to avoid splashing. Audible/visual signals activate when the system detects an obstruction or tray overload.

# 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	16 lb / 7.3 kg		10 lb / 4.5 kg	5 lb / 2.3 kg	
Working Environment	14 °F – 140 °F, 80% Relative Humidity, non-condensing / -10 °C – 60 °C, 80% Relative Humidity, non-condensing				
Drive System	Stepper Motor				
Included Tray (L x W)	14 in. x 11 in. / 356 x 279 mm		12.75 in. x 10 in. / 324 x 254 mm	14 in. x 11 in. / 356 x 279 mm	11.75 in. x 8.75 in. / 299 x 222 mm
Tray Construction	Aluminum				
Tiers	1	2	1		
Overall Dimensions (L x W x H)	16.8 x 11 x 6.5 in. / 425 x 279 x 165 mm	16.8 x 11 x 9.5 in. / 425 x 279 x 241 mm	16.8 x 10 x 5.5 in. / 425 x 254 x 140 mm	16.8 x 11 x 6.5 in. / 425 x 279 x 165 mm	17 x 11 x 6 in. / 432 x 279 x 152 mm
Net Weight	14.6 lb / 6.6 kg	15.5 lb / 7 kg	14.6 lb / 6.6 kg		15.2 lb / 6.9 kg
Power	120V, 0.125A, 50/60Hz		120V, 5A, 50/60Hz	120V, 0.125A, 50/60Hz	120V, 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:** CAN/CSA C22.2 61010-1, CAN/CSA C22.2 61010-2-051, UL 61010-1, UL 61010-2-051
- **Electromagnetic Compatibility:** ICES-003 Class A, FCC Part 15 Class A
- **Compliance Marks:** TÜV SÜD

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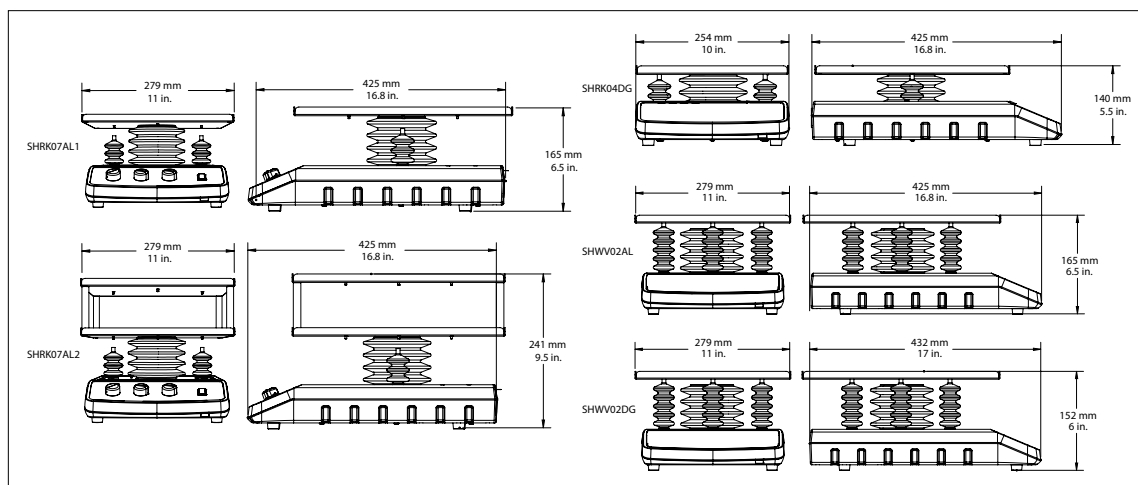
## Applications

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



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

