

With load capacities from 35 to 150 lb and over 70 accessory options, OHAUS Heavy Duty Shakers are designed to handle a range of applications. Available as analog or digital models with microprocessor control to provide variable speed and consistent shaking, while ramping to the set speed. Microprocessor displays the last set-point and will restart if power is interrupted. Built-in tray and non-slip rubber mat included with all models.



Manufacture: Ohaus  
 SKU: 30391863  
 Free Ground Shipping within  
 the 48 continental US States

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**(800)832-0055**

## Features

With load capacities from 35 to 150 lb (16 to 68 kg) and over 70 accessory options, OHAUS Heavy Duty Shakers are designed to handle a range of applications. Available as analog or digital models with micro-processor control to provide variable speed and consistent shaking, while ramping to the set speed. Microprocessor displays the last set-point and will restart if power is interrupted. Built-in tray and non-slip rubber mat included with all models.

### Standard Features:

- **Accu-Drive Shaking System Ensures Accuracy and Speed Control** The exclusive Accu-Drive shaking system on digital models utilizes dual-speed sensors to continuously monitor and maintain shaking speed—delivering exceptional speed control, accuracy and durability.
- **Touchpad Control With Independent LED Displays for Speed/Time on Digital Models** Touchpad controls with independent LEDs for speed/time allow operator to view all settings at once. Timer displays elapsed time or when programmed to a set time, will turn off when time reaches zero.
- **Safety Features Include Speed Ramping and Load Sensor** Speed ramping feature slowly increases the speed to desired setpoint to avoid splashing. The load sensor (on digital models only) detects unbalanced conditions and automatically reduces rpm to a safe speed to protect samples.

**Other Standard Features and Equipment** Built-in tray with a non-slip rubber mat (included)

### Compliance

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

**Applications** Cell cultures, solubility studies, extractions, bacteria and yeast cultures and suspensions, staining/destaining, immunoassays, protein studies, blotting techniques

## Specifications

Model	SHHD1619AL	SHHD1619DG	SHHD2325AL	SHHD2325DG	SHHD4525DG	SHHD4550DG	SHHD6825DG	SHHD6850DG
<b>Control</b>	Analog	Digital	Analog	Digital	Digital	Digital	Digital	Digital
<b>Motion</b>	Orbital	Orbital	Orbital	Orbital	Orbital	Orbital	Orbital	Orbital
	0.75 in. 19 mm	0.75 in. 19 mm	1 in. 25 mm	1 in. 25 mm	1 in. 25 mm	2 in. 51 mm	1 in. 25 mm	2 in. 51 mm
<b>Speed Range</b>	25 to 500 rpm	15 to 500 rpm	25 to 500 rpm	20 to 500 rpm	15 to 500 rpm	15 to 300 rpm	15 to 500 rpm	15 to 300 rpm
<b>Speed Accuracy</b>	N/A	above 100 rpm ± 1% of set speed, below 100 rpm ± 1 rpm	N/A	above 100 rpm ± 1% of set speed, below 100 rpm ± 1 rpm				
<b>Timer</b>	1 minute to 120 minutes	1 second to 160 hours	1 minute to 120 minutes	1 second to 160 hours				
<b>Max. Weight Capacity</b>	35 lb / 16 kg		50 lb / 22.7 kg		100 lb / 45.4 kg		150 lb / 68 kg	

<b>Audible Alarm</b>	-	YES	-	YES	YES	YES	YES	YES
<b>Load Sensor</b>	-	YES	-	YES	YES	YES	YES	YES
<b>Overload Protection</b>	-	YES	-	YES	YES	YES	YES	YES
<b>User Calibration (Speed)</b>	-	YES	-	YES	YES	YES	YES	YES
<b>RS232 Interface</b>	-	YES	-	YES	YES	YES	YES	YES
<b>Working Environment</b>	32 °F – 104 °F 0 °C – 40 °C 80% RH* non-condensing	14 °F – 140 °F -10 °C – 60 °C 80% RH non-condensing	32 °F – 104 °F 0 °C – 40 °C 80% RH* non-condensing	14 °F – 140 °F -10 °C – 60 °C 80% RH non-condensing				
<b>Drive System</b>	Brushless DC Motor; Triple Eccentric							
<b>Included Tray (L x W)</b>	11 x 13 in.		18 x 24 in.		24 x 24 in.		24 x 36 in.	
<b>Overall Dimensions (L x W x H)</b>	16.3 x 14 x 5.9 in.		24 x 26.7 x 5.9 in.		28.7 x 26.7 x 6.7 in.		29.3 x 36 x 6.7 in.	
<b>Net Weight</b>	48 lb		108 lb		199 lb		229 lb	
<b>Power</b>	120V, 5A, 50/60Hz							
<b>Power Consumption</b>	75 W				80 W			
*Relative Humidity								

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