



## Ohaus SHHD6825DG Heavy Duty Orbital Digital Shaker - 25mm / 150 lbs (68 kg)

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: 30391877

**Please Call**  
**(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 SUD

**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
Control	Analog	Digital	Analog	Digital	Digital	Digital	Digital	Digital
Motion	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
Speed Range	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
Speed Accuracy	N/A	above 100 rpm $\pm$ 1% of set speed, below 100 rpm $\pm$ 1 rpm	N/A	above 100 rpm $\pm$ 1% of set speed, below 100 rpm $\pm$ 1 rpm				
Timer	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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