



Ohaus SHHD4525DG Heavy Duty Orbital Digital Shaker - 25mm / 100 lbs (45.4 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: 30391863
 Free Ground Shipping within the 48 continental US States

**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:** TÜV 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
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 ± 1% of set speed, below 100 rpm ± 1 rpm	N/A	above 100 rpm ± 1% of set speed, below 100 rpm ± 1 rpm				
Timer	1 minute to 120 minutes	1 second to 160 hours	1 minute to 120 minutes	1 second to 160 hours				

Max. Weight Capacity	35 lb / 16 kg	50 lb / 22.7 kg	100 lb / 45.4 kg	150 lb / 68 kg
Audible Alarm	YES	-	YES	YES
Load Sensor	YES	-	YES	YES
Overload Protection	YES	-	YES	YES
User Calibration (Speed)	YES	-	YES	YES
RS232 Interface	YES	-	YES	YES
Working Environment	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
Drive System	Brushless DC Motor; Triple Eccentric			
Included Tray (L x W)	11 x 13 in.	18 x 24 in.	24 x 24 in.	24 x 36 in.
Overall Dimensions (L x W x H)	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.
Net Weight	48 lb	108 lb	199 lb	229 lb
Power	120V, 5A, 50/60Hz			
Power Consumption	75 W		80 W	

*Relative Humidity

i81u812

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