



OMEGA-HB-3000

SEMI-AUTOMATED BRINELL TESTER

HARDNESS TESTING WITH BUILT-IN OPTICS

Semi-Automated | User-Friendly | LCD Display

2 year warranty

Limited warranty

SPECIFICATION	OMEGA-HB-3000
Brinell Tester	Semi-Automated
Optical Measurement	Built-in 20X Eyepiece Filar
Testing Forces	62.5, 100, 125, 187.5, 250, 500, 750, 1000, 1500, 3000
Testing Range	~3.2 to 650 HBW
Max. Height of Specimen	8.8-inch (225 mm)
Max. Throat Depth	5.3-inch (135 mm)
Power	110 or 220V
Dimensions (W x D x H)	9.3 x 21.5 x 31.1-inch (235 x 545 x 790 mm)
Weight	290 lbs (130 kg)



Testing Table Anvil,
Flat Anvil, and V-Anvil
(from left to right)

Wide Testing Range and Force Selection

The OMEGA-HB-3000 offers a testing range of ~3.2 to 650 HBW and test forces from 62.5 to 3000 Kgf, making it ideal for testing a variety of materials, from soft metals to hardened steels. This versatility benefits industries such as manufacturing, construction, and energy, where a wide range of components requires hardness validation.

User-Friendly Semi-Automated Operation

With a built-in 20X eyepiece filar and LCD display, the OMEGA-HB-3000 simplifies the measurement process, providing precise readings while requiring minimal manual adjustments. This semi-automated setup improves efficiency, making it particularly useful for high-volume testing applications where accuracy and speed are essential.



Built-in printer for quick & convenient documentation

Durable Design for Heavy-Duty Use

The robust design accommodates specimens up to 8.8 inches in height and features a throat depth of 5.3 inches, allowing for the testing of larger parts. Its durable construction ensures reliable performance in demanding environments, minimizing maintenance and downtime for industries with continuous testing requirements.



Machinery directive 2006/42/EC
RoHS Directive 2011/65/EU



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