

# OMEGA-HB

## MANUAL BRINELL TESTER

## RELIABLE MANUAL BRINELL TESTING

Wide Testing Force Range | User-Friendly | Robust Design

**2 year warranty**  
Limited warranty

SPECIFICATION	OMEGA-HB
<b>Brinell Tester</b>	Manual
<b>Optical Measurement</b>	Manual 20X Optical Scope
<b>Testing Forces</b>	62.5, 100, 125, 187.5, 250, 500, 750, 1000, 1500, 3000
<b>Testing Range</b>	~3.2 to 650 HBW
<b>Max. Height of Specimen</b>	8.1-inch (205 mm)
<b>Max. Throat Depth</b>	5.3-inch (135 mm)
<b>Power</b>	110 or 220V
<b>Dimensions (W x D x H)</b>	9.3 x 21.5 x 29.7-inch (235 x 545 x 755 mm)
<b>Weight</b>	290 lbs (130 kg)



### Wide Testing Range and Force Selection

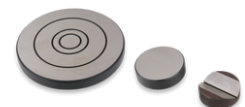
With a testing range of ~3.2 to 650 HBW and selectable forces from 62.5 to 3000 Kgf, the OMEGA-HB can handle a variety of materials, from soft metals to harder alloys. This versatility makes it suitable for industries such as automotive, aerospace, and heavy machinery, where different components require precise hardness verification.

### User-Friendly and Precise Optical Measurement

Equipped with a 20X manual optical scope, the OMEGA-HB provides accurate readings while maintaining ease of use for reliable Brinell hardness testing.

### Robust Design for Heavy-Duty Performance

The OMEGA-HB supports specimens up to 8.1 inches in height and features a 5.3-inch throat depth, accommodating larger components while maintaining structural durability. This robust design ensures long-lasting performance in production environments where frequent testing is required, reducing downtime and maintenance costs.



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



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



3601 E. 34th Street, Tucson, AZ 85713  
P: +1 (520) 882-6598  
F: +1 (520) 882-6599  
pace@metallographic.com