



# OMEGA-AUTO-HB

FULLY AUTOMATED BRINELL TESTER

## ADVANCED BRINELL TESTING SOLUTION

High-Accuracy Tester | User-Friendly | Reliable & Automated

**2 year warranty**

Limited warranty

SPECIFICATION	OMEGA-5000-VZ
Brinell Tester	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	10-inch (260 mm)
Max. Throat Depth	6-inch (150 mm)
Power	110 or 220V
Dimensions (W x D x H)	12 x 24.5 x 39-inch (313 x 622 x 992 mm)
Weight	375 lbs (170 kg)



### Precision with Fully Automated Operation

The OMEGA-AUTO-HB offers one-key operation, automating testing, data statistics, hardness conversion, and limitation settings. This ensures reliable and efficient testing for a wide range of materials.



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

### High Accuracy and Advanced Force Compensation

Equipped with a high-accuracy force sensor and a microprocessor to compensate for force loss during loading, the tester delivers consistent and precise results across test forces ranging from 62.5 to 3000 Kgf.

### Robust Design for Large and Demanding Applications

With a specimen height capacity of up to 10 inches and a durable design, the tester accommodates large components while maintaining performance in heavy-duty industrial environments.



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](mailto:pace@metallographic.com)