



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

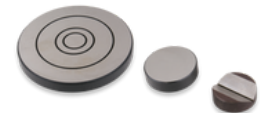
The OMEGA-AUTO-HB offers one-key operation, automating testing, data statistics, hardness conversion, and limitation settings. This ensures reliable and efficient testing for a wide range of materials.

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.



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