

WH SERIES

WEBSTER type Portable Hardness Tester





WEBSTER WH100
MECHANICAL SHEET & STRIP METAL HARDNESS TESTER

FEATURES

The INNOVATEST® WH Series hand operated **Webster** Hardness Testers are portable instruments which can perform on-site hardness testing on aluminum alloys, brass, copper and soft steel. A quick and easy test, the hardness value can be read out directly on the indicator, with a simple clamp. The measuring procedure complies to the American Standard ASTM B647. Suitable for testing aluminum alloy profiles, tubings and sheet materials. Especially suitable for a fast, non destructive quality inspection on the production site.

The WH Series hand operated **Webster** Hardness Testers feature a fast and comprehensive testing method for testing thin, soft materials. There are several models available for different applications and with different measuring capacity. The Webster hardness values can be converted into the commonly used Vickers, Rockwell and Brinell hardness values. Each tester is packed in a strong industrial box including all standard delivery such as a set of tools, a hardness standard, and a spare indenter.

- One hand operation and portability
- Variety of anvils permits testing a great variance of shapes
- Simple operation permits readings independent of the operator's skill
- Test is made by simply applying pressure to the handles until "bottom" is felt
- Easy-to-read dial indicator with 20 graduations permits use of the tester as "Go" and "No Go" gauge
- Standard hardness gauge tests materials up to 13mm in thickness

TECHNICAL SPECIFICATIONS

Measuring scope	0-20HW
Accuracy	0.5HW
Net weight	0.5kg
Package gross weight	1.55kg
Package dimensions	330mm × 255mm × 150mm

MODEL SELECTION & ORDER DETAILS

WH100	Material	Aluminum alloy
	Hardness range	25-110HRE, 58-131HV
	Workpiece thickness	Max. 6mm
	Workpiece inner diameter	Min. 10mm
WH110	Material	Aluminum alloy
	Hardness range	25-110HRE, 58-131HV
	Workpiece thickness	Max. 13mm
	Workpiece inner diameter	Min. 10mm
WH120	Material	Aluminum alloy
	Hardness range	25-110HRE, 58-131HV
	Workpiece thickness	Max. 8mm
	Workpiece inner diameter	Min. 6mm
WH130	Material	Brass in hard half hard state super-hard, aluminum alloy
	Hardness range	63-105HRF
	Workpiece thickness	Max. 6mm
	Workpiece inner diameter	Min. 10mm
WH140	Material	Brass in hard half hard state super-hard, aluminum alloy
	Hardness range	63-105HRF
	Workpiece thickness	Max. 8mm
	Workpiece inner diameter	Min. 6mm
WH150	Material	Soft brass pure copper
	Hardness range	18-100HRE
	Workpiece thickness	Max. 6mm
	Workpiece inner diameter	Min. 10mm
WH160	Material	Soft brass pure copper
	Hardness range	18-100HRE
	Workpiece thickness	Max. 8mm
	Workpiece inner diameter	Min. 6mm
WH170	Material	Cold-rolled steel sheet stainless steel
	Hardness range	48-100HRB
	Workpiece thickness	Max. 8mm
	Workpiece inner diameter	Min. 6mm

STANDARD DELIVERY

- Instrument
- Standard hardness plate
- Spare indenter
- Calibration wrench
- Small screwdriver
- Carrying case
- INNOVATEST® certificate
- Installation & user manual

OPTIONAL ACCESSORIES

- Standard hardness plates



Represented by:

CORPORATE HEAD OFFICE

MANUFACTURING, DISTRIBUTION & SERVICE

INNOVATEST Europe BV

Borgharenweg 140
6222 AA Maastricht (The Netherlands)
Phone: +31 43 3520060
Fax: +31 43 3631168
Email: info@innovatest-europe.com

INNOVATEST Benelux BVBA

SALES & SERVICE

Phone: +32 12 779002
Fax: +32 12 779003
E-mail: info@innovatest-benelux.com

INNOVATEST Shanghai Co., Ltd.

DISTRIBUTION, SALES & SERVICE

101, Bld. 7, No. 59 Shennan Road,
Minhang District, Shanghai, P.R. China
Zip code: 201108
Phone: +86 21 34635955
Fax: +86 21 34635269
E-mail: info@innovatest-shanghai.com

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