NDT Supply.com, Inc.

7952 Nieman Road
Lenexa, KS 66214-1560 USA

METALTEST

Portable Hardness Tester

The **METALTEST** is a compact, pocket-sized, wireless hardness tester with commands and LCD incorporated on the top. It is very easy to use. Place the hardness tester on the surface to be examined and press the handgrip right down, release the pressure and the hardness immediately appears on the display.

Phone: 913-685-0675
Fax: 913-685-1125

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FIELDS OF APPLICATION FOR AFFRI® PORTABLE TESTERS

	Soft		Hard	
HRA - Rockwell A	20	92		For hard steel, nitriding, cementation, roller, steel for tools, soft and hard materials
HK - Knoop	25	97		For soft steel, non ferrous metals
HRC - Rockwell C	0	80		For hard steel, nitriding, cementation, roller, steel for tools
HRB - Rockwell B	26	100		For soft steel, non ferrous metals
HR30T - Rockwell 30T	16	83		For soft steel, non ferrous metals
HB5 - Brinell 5	5	205		For aluminum, soft aluminum alloy cast iron, bronze, brass
HB30 - Brinell 30	66	884		For heat treated steel, annealed steel, drawn products, deep-drawn strip
HV - Vickers	13	1865		For all material
R - Tensile module N/mm^2	226	2898		For heat treated steel, annealed steel, drawn products, deep-drawn strip
HR15N - Rockwell HR15N	69	93		For hard steel, nitriding, cementation, roller, steel for tools

Technical Specifications

Accuracy:	Better than 1%
Data Output:	RS 232 C (USB on request)
Preload:	1 kgf (9.807 N)
Test load:	5.6 kgf (54.92 N)
Standards:	ASTM E110 / DIN 50157

Hardtest – Handclamp Support

The Hardtest is a hand clamp system that accomodates the METALTEST, which blocks the testing piece and allows steady measurements avoiding sample movements. Easy and safe with a testing capacity of 30 x 30mm, and useful especially for hard-to-test items or items with odd shapes (i.e. tests on spring wires). It comes with an anvil and various other accessories.

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