

# HARD TEST-II

A new combined tester for Hardness and sigma break tests in one instrument: quick and accurate for production departments without requiring laboratory inspection.



- Conform with standard **ASTM B-724 - DIN 50157**
- An invaluable help in the warehouse or factory
- Tests hardness on all type of metals
- Tests the break module sigma
- Does not require adjustment
- Ready for test in any moment
- 10 different conversion scales
- Stores results
- Statistics and data output for printer or PC connection
- Acoustic signal



**NDT Supply.com, Inc.**

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**AFFRI**

## FIELDS OF APPLICATION FOR AFFRI® 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 aluminium, soft aluminium 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 <sup>2</sup>	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

**QUICK:** in only 2 seconds the hardness and sigma are measured on large range of metallic products

**UNIVERSAL:** designed to check sheets, metal rolls, shaped parts, tubes, on aluminium, brass, copper and steel

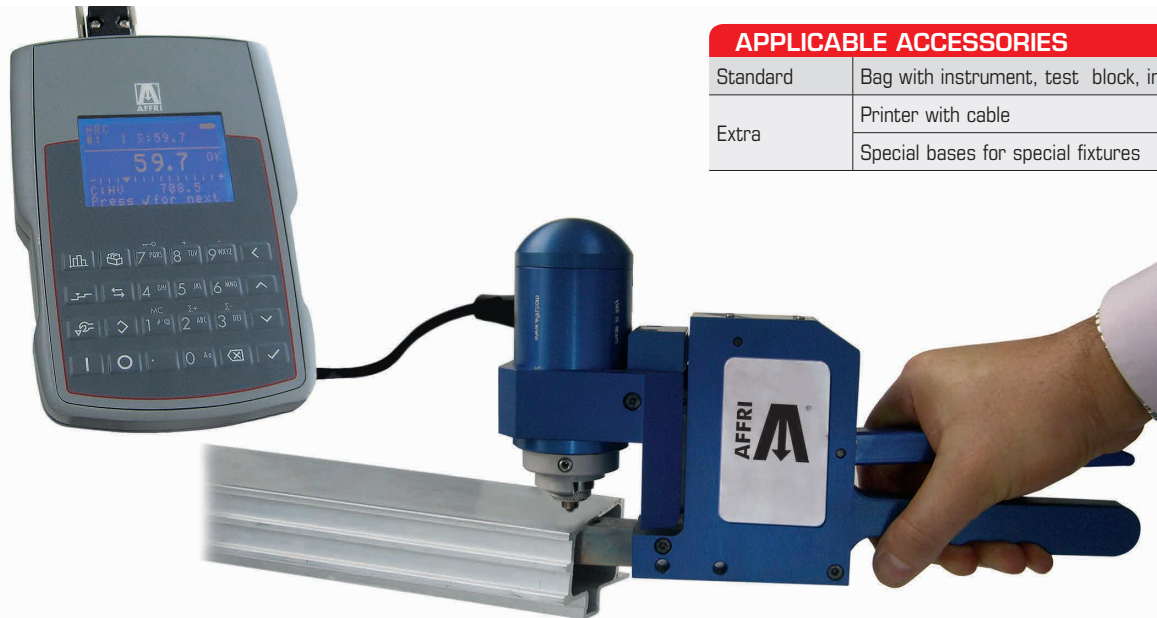
**ACCURATE:** products and surfaces down to 0.08 mm thick can be checked. It works using the innovative Affri system which measures the real indentation depth applying constant incremental load rates through a minor and major load (as in laboratory machines).

### TECHNICAL CHARACTERISTICS

Height capacity	self adjustable from 0.08 to 15 mm (other measures on request)
Conform to Standard	ASTM B-724 - DIN 50157
Reading scales	HRA HK HRC HRB HB30T HB5 HB30 HV R HR15N
Depth capacity	25 mm
Power	battery
Memory	500 data+ statistic, RS 232C out-data for printer or PC connection

### APPLICABLE ACCESSORIES

Standard	Bag with instrument, test block, instruction for use
Extra	Printer with cable Special bases for special fixtures



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