

Portable Hardness Tester CHT10

The hardness tester **CHT 10** measures by the dynamic measurement principle, in all directions, for all metals with high accuracy and wide amplitude in the measurement range.

- ▶ • Material identificación in storage
- Assembled pieces control
- Hardness variation of large dimension pieces
- Control of pieces in production



Units and materials:

Steel	Leeb	All
	Brinell	80 – 650 HB
	Vickers	80 – 940 HV
	Shore D	38 – 100 HS
	Rockwell C	20 – 68 HRC
	Rockwell B	38 – 100 HRB
	Resistencia	(N/mm ² o Mpa)
Grey	Leeb	All
	Brinell	90 – 330 HB
Bronze	Leeb	All
	Brinell	60 – 290 HB
Copper	Leeb	All
	Brinell	45 – 135 HB
Nodular	Leeb	All
	Brinell	130 – 380 HB
Aluminum	Leeb	All
	Brinell	30 – 160 HB
Brass	Leeb	All
	Brinell	40 – 173 HB
	Rockwell B	13 – 95 HRB
Steel for tools	Leeb	All
	Vickers	80 – 900 HV
	Rockwell C	20 – 67 HRC
Stainless steel	Leeb	All
	Brinell	85 – 655 HB
	Vickers	85 – 800 HV
	Rockwell C	20 – 62 HRC
	Rockwell B	46 – 101 HRB

Technical specifications

Screen: Graphic LCD 128x64 pixels with backlight

Backlight modes: Off-On-Automatic

Large digits for measured value in selected unit (11 mm height)

Always shows the measured value in Leeb units plus the measured value in the selected unit

Languages: English, Spanish, German, Italian, French, Portuguese (more languages can be incorporated by order)

Impact device: Type D

Precision: ±0,5 (referred to L=800 ± 4HLL) according ASTM A956- 02

Datalogger + Statistics:

Storage of 2000 data
 Date and hour record

Histogram viewing of data groups

Statistic values:

Average, Minimum, Maximum, Range

Alarms:

Minimum and maximum programmable

Angular correction: Manual and Automatic

Autonomy: 120 hours (with alkaline batteries without backlight)

Auto-Off: Programmable from 4 to 30 minutes

Data Output: Serial to a PC

Dimensions: 122 x 65 x 22 mm

Weight: 160gr with batteries

Power Supply:

By two alkaline batteries AA

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EC-Declaration of Conformity We declare herewith that the products listed below conform with the following relevant regulations: EU-EMV - guideline (89/336/EWG incl. modifications) and the applied EN55014-1, EN61000-4-2 and EN61000-4-4 standards.

