NOVOTEST

Leeb Hardness Tester NOVOTEST T-D2-R

High-precision, easy in operation and reliable with the most affordable price in the world among the analogues!

☑ Dynamic Leeb probe

☑ Wide range of hardness value

☑ Minimum number of imprints

☑ Ease in operation

☑ Control of the batteries

☑ Graphical display with backlight

☑ Rubber protective housing-case

☑ New, intuitive menu with tips on the buttons

☑ Extended temperature range (-40 … +50 °C)

☑ Leeb method, standardized according to ASTM A596, ASTM E140

Description of Leeb Hardness Tester NOVOTEST T-D2-R:

Leeb Hardness Tester NOVOTEST T-D2-R is designed for rapid non-destructive testing of hardness:

- metals and alloys on standardized hardness scales;
- metals with different properties from steel (for example, non-ferrous metals, alloys, cast iron, etc.) with additional scales for calibration;
- use of the scale of tensile strength (Rm) for determining the tensile strength of carbon steel products pearlitic by automatically converting from the scale of hardness Brinell (HB).

Portable hardness tester T-D2-R very easy in operation, has the main functions with the lowest price in the world among the portable Leeb hardness testers!

The device works with dynamic (Leeb) probe.

Dynamic (**Leeb**) probe is used for measuring the hardness of non-ferrous metals, cast iron, coarse-grained materials, massive products etc
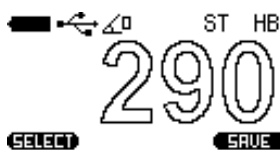
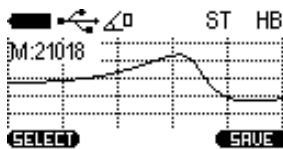**Has basic modes of measurement:**

- **Normal mode**

- **Statistics mode**

- **Smart mode**

- **Signal mode**

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Sealed housing with rubber protective strips - Hardness testers is ideal for use in workshop and field conditions with high humidity, dust, etc. Hardness tester has frost-resistant display that allows user to use the device at any season and in any climatic zone of the Earth.

Leeb Hardness Tester NOVOTEST T-D2-R specifications:

Leeb probe types	D1 DC
Indenter	Hardened ball
Measuring direction	Any direction 360°
Measurement hardness range:	
- Rockwell, HRC	20 - 70
- Brinell, HB	90 - 450
- Vickers, HV	230 - 940
- Can be calibrated for any scale and any range.	
Measuring accuracy	HV+ / - 3%; HRC+ / - 1,5%; HB+ / - 3%;
Hardness scale	HRC, HB, HV, HL
Materials	- Leeb probe - pre-calibrated for steel, alloy steel, cast iron, stainless steel, aluminum, bronze, brass, copper. - Additional custom materials for calibration.
Operating temperature range, ° C	-40 to +40
Power supply	2 AA batteries
Dimensions, mm	120x65x23
Weight of electronic unit with batteries, no more, kg	0.2
Batteries life, not less, h	20

The device has PC software with a comfortable and intuitive interface

NOVOTEST AWP Measuring the hardness of metals

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Operation with archive | Set the color | Screen copies

Location of the archive: C:\Users\Антон\Desktop\ARM
Object
Download the archive
Operator
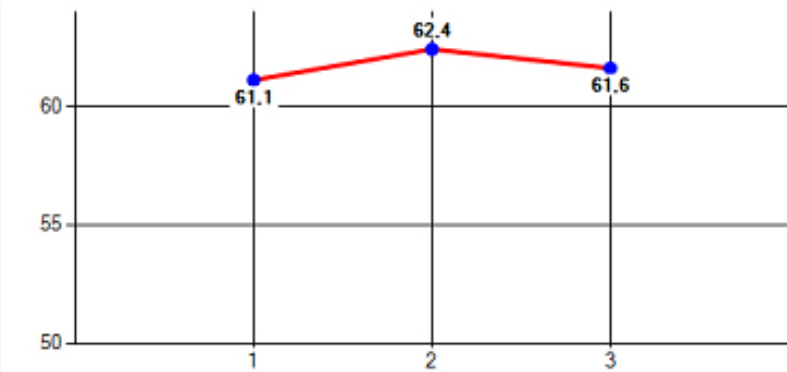Move | Copy | from 14.01.2013 to 12.12.2013 | Abort
Export | Save

Record	Date/Time	Probe	№ probe	№ device
MEASUREMENT1	03/07/1963 23:00	UCI	1043861013	0081791113
MEASUREMENT	03/07/1963 23:00	REBOUND	Leeb	0081791113
MEASUREMENT2	03/07/1963 23:00	UCI	0081791113	0081791113
MEASUREMENT	01/01/2012 21:53	UCI	0081791113	0081791113
MEASUREMENT	01/01/2012 00:08	REBOUND	Leeb	0081791113
MEASUREMENT	01/01/2012 00:07	REBOUND	Leeb	0081791113

Series №01 Scale:HRC Material: Steel

62.4
61.1
61.6

Maximum	62,4
Minimum	61,1
Deviation	1,3
Average	61,7
Standard deviation	2,2%
Mean square deviation	0,6
Variation coefficient	0,9%
The homogeneity of the s...	Yes
Number of measurements	3

Histogram | Print | Delete

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The advantages of Hardness Tester NOVOTEST T-D2-R:

- ☑ Allows to test products with weight >5 kg and thickness >10mm

- ☑ Wide range of hardness

- ☑ Only basic functions, nothing extra

- ☑ Possibility to use in field conditions with high humidity and dust

- ☑ Convenience and ease of measurement

- ☑ Optimized number of buttons

- ☑ Contrast display with bright back-lighting

- ☑ Calibrations stored in memory of probe

- ☑ Very easy in operation and calibration

- ☑ Internal memory and communication with PC

- ☑ New, intuitive menu with tips on the buttons

- ☑ Extended temperature range (frost, down to - 40°C)

- ☑ Water resistant case

- ☑ Rubber bumper protected case

- ☑ High measurement accuracy

NOVOTEST

Standard set of Leeb Hardness Tester NOVOTEST T-D2-R

- Electronic block
- Leeb probe D1 DC
- 2 batteries AA
- Charger
- USB cables
- Operating manual
- Software for PC
- Case

Available options for ordering of Leeb Hardness Tester NOVOTEST T-D2-R

- UCI probe (+activation code)
- Batteries
- Charger
- USB-cable
- Set of measures of hardness
- Case