



NOVOTEST

Portable Leeb Hardness Tester NOVOTEST T-D2



Leeb Hardness Tester NOVOTEST T-D2 is designed for rapid non-destructive testing hardness of various objects.

Leeb Hardness Tester NOVOTEST T-D2 uses dynamic method of hardness measurement – Leeb method, standardized according to ASTM A596.

Leeb probe is used for measuring the hardness of non-ferrous metals, cast iron, materials with coarse-grained structure, solid products, etc.

Key features:

- Hardness testing of standard steels and alloyed steels
- Hardness testing of cast iron and nonferrous metals
- Testing of tensile strength of carbonized steels products of pearlite class for tension
- Implementation of the rebound method (Leeb)
- Allows to perform measurements parts which weight more than five kilograms and thickness more than 10mm without any additional actions

Restrictions about the using of Leeb Hardness Tester NOVOTEST T-D2

If you need measure items which are weighing less than 5 kg or thinner than 10 mm, you have to lap tightly the product to a surface of the base plate which are weighing more than 5 kg.

Advantages of Leeb Hardness Tester NOVOTEST T-D2

- Wide range of hardness measurement
- Ability to operate with products with coarse, non-uniform structure (castings, forgings)
- Very ease and simplicity of setup and operation
- Reasonable price (lower in comparison with the hardness ultrasonic)
- Indication of types and automatic recognition of connected probes

NOVOTEST T-D2 saves the results in the devices memory and has the ability to transfer the measurement results of hardness to the PC, also it is operating in a wide range of the temperature. This device is usefull if you want to measure the hardness of big sizes products in winter. Hardness tester T-D2 has a brightness display with high contrast. Device also has calibration mode for measuring hardness of wide range of metals and alloys.



Specifications of Leeb Hardness Tester NOVOTEST T-D2

Range of hardness Rockwell, HRC Brinell, HB Vickers, HV Tensile strength, MPa	20 - 70 90 - 450 230 - 940 370 - 1740
The basic error of measurement:	HV+ / - 3%; HRC+ / - 1,5%; HB+ / - 3%;
Overall dimensions, mm	122x65x23
Operating temperature range, ° C	-20 to +40
Power supply	2 AA batteries
Battery life, not less, h	20
Weight of electronic unit with battery, no more, kg	0.2

Additional options for ordering of Leeb Hardness Tester NOVOTEST T-D2

- Additional probes of various types. After the purchase if will be needed, you can buy ultrasonic (UCI) probe U1 with activation code and will get combined hardness tester. So you can save your money and needn't to buy two probes at one time
- Batteries
- Chargers
- Hardness tests blocks
- Portable grinding machine
- Case for hardness tester

Standard set of Leeb Hardness Tester NOVOTEST T-D2

- Main unit
- D-type Leeb probe
- 2pcs AA batteries with charger
- User manual
- USB cables