Ultrasonic Thickness Gauge NOVOTEST UT-1M-IP

◄Description of Ultrasonic Thickness Gauge NOVOTEST UT-1M-IP►

A special version of the ultrasonic thickness gauge NOVOTEST UT-1M-IP is designed for measuring the thickness of various materials and products with one-sided access in difficult climatic conditions – in dusty rooms, with high humidity, in the rain – when the use of conventional ultrasonic thickness gauge is impossible. The operation time of the device with 3 AA batteries in practice reaches 200 hours.

Ultrasonic method is appropriate for measuring the thickness:

- products made of various metals, alloys and other materials;
- glass, plastic, composite and other products from non-metallic materials;
- the walls of the tanks, pipes, casing parts, sheets, overhead, and other structures, including the corroded surfaces, pitted, with scum, etc.;
- products during their production and operation;
- metal products for diagnostic and expert work with one-side access to the tested object.

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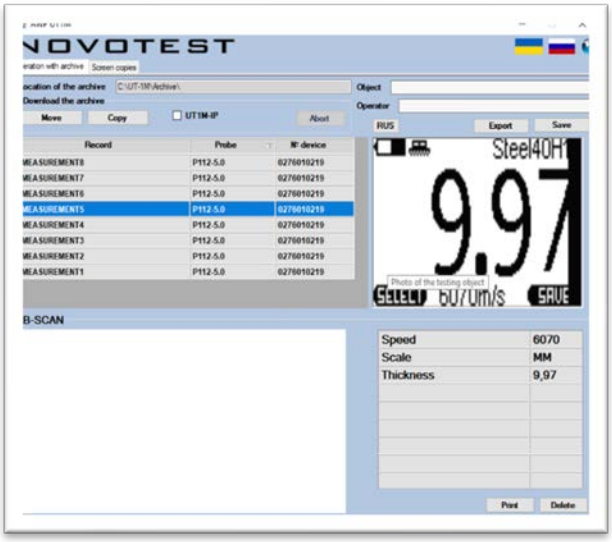
◄Advantages of Ultrasonic Thickness Gauge NOVOTEST UT-1M-IP►

- Unique protection from dust and moisture, previously not available in the market of ultrasonic thickness gauges of general purpose. By default, the device comes with a degree of dust-moisture protection IP65. This protection degree can be increased up to IP67 (submerged in water) at order;
- Unprecedented autonomy of the device – increased up to 200 hours continuous operation time of the thickness gauge;
- Mode “ECHO-ECHO” (Through Coating) allows to measure through paint *(new)*;
- Device has light weight and dimensions, in comparison with similar protected thickness gauges;

- Saved data can be transmit to PC;
- Material selection and automatic setting of ultrasound velocity;
- Large graphic display of high contrast and backlight;
- Display of measured thickness in mm and inches;
- Convenient menu in the device;
- Wide choice of UT probes with preset settings in the device;



- Modes of statistical processing of measurements;
- Ability to restore factory calibrations;
- Ability to adjust all parameters of the acoustic path;
- Ability of further adjusting the user gain directly from the measurement mode;
- Wide range of testing;
- Mode of audible and visual alarm when leaving the established ranges.

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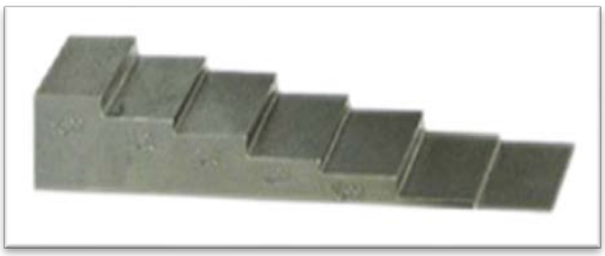
◄Specifications of Ultrasonic Thickness Gauge NOVOTEST UT-1M-IP►

Range of measured thicknesses (depending on the probe's type), mm	0,8 … 500 or more
Setting range of ultrasound velocity, m/s	1000-17000
Resolution, mm	0,01
Response time, with no more than, s	1
Basic measurement accuracy, mm	±(0,01T+0,05)
Modes, mm	Normal, Statistic, ECHO, ECHO-ECHO (Through-Coating)
Operating temperature range, ° C	From -20 to + 40
Power supply	3pcs AA batteries
Time of continuous work hours, not less, h	120 (up to 200 hours with minimum settings)
Weight of electronic unit with battery, no more, kg	0,35
Interface language and menu	English, Spanish, Russian
Degree of dust and moisture protection	IP65, up to IP67

◄Available options of Ultrasonic Thickness Gauge NOVOTEST UT-1M-IP►

- Couplant
- UT probes
- "ECHO-ECHO" (Through-Coating) probes
- Calibration blocks



◄Standard set of Ultrasonic Thickness Gauge NOVOTEST UT-1M-IP►

- Electronic unit Ultrasonic Thickness Gauge NOVOTEST UT-1M-IP
- UT probe – 1 pc. (depends on the desired range of controlled thickness)
- 3 AA batteries
- Charger
- USB Cable for PC
- Calibration certificate
- Operating manual
- Case

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◄Other pictures of Ultrasonic Thickness Gauge NOVOTEST UT-1M-IP►