

Ultrasonic Thickness Gauge NOVOTEST UT-1M-ST

Ultrasonic Thickness Gauge NOVOTEST UT-1M-ST is a special version of the thickness gauge in a metal enclosure, which is designed for extreme operating conditions, when there is a possibility of the device dropping or other damage of the unit during operation. The durable aluminum body's profile withstands high static and dynamic compression loads, which allows the operator to use the device "carelessly". Ultrasonic Thickness Gauge NOVOTEST UT-1M-ST is designed to measure the thickness of products with low attenuation of ultrasonic vibrations, with one-way access to them during their manufacture and operation.



• Specifications

Measuring thicknesses range , mm:

- Probe 10MHz – P112-10-6 / 2
- Probe 5MHz – P112-5-10 / 2
- Probe 2,5MHz – P112-2,5-12 / 2

0.45 ... 1000 or more

- range 0.45-300 mm
- range 0.8-500 mm
- range 2.5-1000 mm

Probe dimensions, mm:

- Probe 10MHz – P112-10-6 / 2

○ D12×15 mm

○ D17×20 mm

- Probe 5MHz – P112-5-10 / 2
- Probe 2,5MHz – P112-2,5-12 / 2
- D20×21 mm

Diameter of probe contact area, mm:

- Probe 10MHz – P112-10-6 / 2
- Probe 5MHz – P112-5-10 / 2
- Probe 2,5MHz – P112-2,5-12 / 2
- 9 mm
- 14 mm
- 16 mm

Size of plate:

- Probe 10MHz – P112-10-6 / 2
- Probe 5MHz – P112-5-10 / 2
- Probe 2,5MHz – P112-2,5-12 / 2
- 6 mm
- 10 mm
- 12 mm

Optional probes

- Echo-Echo 5MHz probes for through-coating testing
- High temperature 5MHz probes, up to 250 C

Setting range of the ultrasonic velocity, m / s

1000-9999

Discrete readings on the digital indicator, mm

0.1

Response time, with no more than

1

Basic measurement accuracy, mm

± (0,01 T+/- 0.05)

Echo-Echo mode (through coating measuring), max thickness of coating, mm

1 (with optional Echo-Echo probes only)

Standards

- ASTM E797
- EN 14127
- EN15317

Storage of measurement results

256

Menu languages

English, Spanish, Russian

Overall dimensions, mm

120x60x25

Operating temperature range, ° C

-5 to +40

Power supply

2 AA batteries

Time of continuous work hours, not less, h 10

Weight of electronic unit with battery, no more, kg 0.2

- Available options

- Couplant
- UT-probes
- Calibration blocks

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- Standard package

- Electronic unit Ultrasonic Thickness Gauge UT-1M-ST
- Transducer (probe) – 1 pc
- AA batteries – 2 pcs
- Charger
- Cables
- Operating manual
- Case

- Media

