

# Ultrasonic Thickness Gauge NOVOTEST UT-1



## Ultrasonic Thickness Gauge NOVOTEST UT-1 is designed for rapid non-destructive thickness testing of:

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

## The advantages of Ultrasonic Thickness Gauge NOVOTEST UT-1

- ✓ Wide range of measuring thicknesses
- ✓ Convenience and ease in operation
- ✓ Minimum number of controls
- ✓ Select the type of probe through single button
- ✓ Preset velocity of ultrasound
- ✓ Graphical display with backlight
- ✓ Control of the batteries
- ✓ Compensation of probe delay
- ✓ Mapping the presence of acoustic coupling on the graphic display
- ✓ Fixation of the last measurement result in the removal of the transducer surface

## Specifications of Ultrasonic Thickness Gauge NOVOTEST UT-1

|   |                         |
|---|-------------------------|
| Measuring thicknesses range (depends on probe type), mm | 0.8 ... 300             |
| 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                        | 2                       |
| Basic measurement accuracy, mm                          | $\pm (0,001 T \pm 0,1)$ |
| Overall dimensions, mm                                  | 120x60x25               |
| Operating temperature range, °C                         | -5 to +40               |
| Power supply  | 2 AAA batteries         |
| Time of continuous work hours, not less, h              | 10                      |
| Weight of electronic unit with batteries, no more, kg   | 0.2                     |

## Standard set of Ultrasonic Thickness Gauge NOVOTEST UT-1

- ✓ Electronic unit
- ✓ 2 pcs AAA batteries
- ✓ Operating manual
- ✓ Transducer (probe) - 1 pc
- ✓ Charger
- ✓ Case

## Available options for ordering of Ultrasonic Thickness Gauge NOVOTEST UT-1

- ✓ Couplant
- ✓ UT-probes
- ✓ Reference blocks

