



Ultrasonic Thickness Gauge NOVOTEST UT-1M

First! Shockproof case!

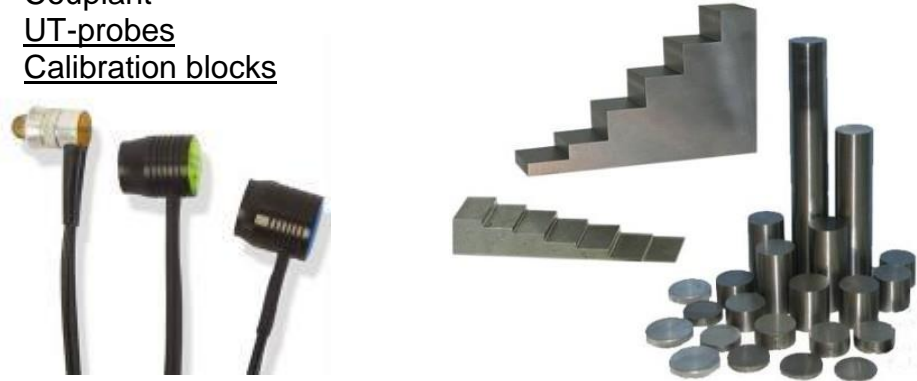
Model with dust and moister protection is also available!

Name	Ultrasonic Thickness Gauge NOVOTEST UT-1M
Photo	

<p>Purpose</p>	<p>Ultrasonic Thickness Gauge NOVOTEST UT-1M is designed for rapid non-destructive thickness testing of:</p> <ul style="list-style-type: none"> ○ 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. 
<p>Standards</p>	
<p>Advantages</p>	<ul style="list-style-type: none"> ○ Thickness measurement range (0,8 – 1000mm) ○ The device stores all the settings that were set before switching off ○ Customer gain control ○ Possibility to make V-correction of the transducer ○ Convenience and easy in operation ○ Probe type selection through single button ○ Preset velocity of ultrasound (1000 – 9999m/s) ○ Graphical display with backlight ○ Compensation of probe delay ○ Acoustic contact indication on the graphic display ○ Fixation of the last measurement result in the removal of the transducer surface ○ Power supplied by standard AA batteries ○ Shock-resistant housing with a protective silicone bumper-case ○ Allows to save probe settings ○ Sound gain up to 20 dB 

<p>Standard set</p>	<ul style="list-style-type: none"> ○ Electronic unit Ultrasonic Thickness Gauge ○ Transducer (probe) – 1 pc (depends on the desired range of controlled thickness) ○ 2 AA batteries ○ Charger ○ Cables ○ Operating manual ○ Calibration certificate ○ Case 
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<p>Specification</p>	<table border="1"> <tr> <td data-bbox="325 562 997 712"> Measuring thicknesses range , mm Probe 10MHz – P112-10-6 / 2 Probe 5MHz – P112-5-10 / 2 Probe 2,5MHz – P112-2,5-12 / 2 </td> <td data-bbox="997 562 1463 712"> 0.8 ... 300 (range 0.8-30mm) (range 1-75mm) (range 2-300mm) </td> </tr> <tr> <td data-bbox="325 712 997 748"> Setting range of the ultrasonic velocity, m / s </td> <td data-bbox="997 712 1463 748"> 1000-9999 </td> </tr> <tr> <td data-bbox="325 748 997 824"> Discrete readings on the digital indicator, mm </td> <td data-bbox="997 748 1463 824"> 0.1 </td> </tr> <tr> <td data-bbox="325 824 997 860"> Response time, with no more than, s </td> <td data-bbox="997 824 1463 860"> 2 </td> </tr> <tr> <td data-bbox="325 860 997 896"> Basic measurement accuracy, mm </td> <td data-bbox="997 860 1463 896"> $\pm (0,001 T \pm 0.1)$ </td> </tr> <tr> <td data-bbox="325 896 997 931"> Overall dimensions, mm </td> <td data-bbox="997 896 1463 931"> 120x60x25 </td> </tr> <tr> <td data-bbox="325 931 997 967"> Operating temperature range, ° C </td> <td data-bbox="997 931 1463 967"> -5 to +40 </td> </tr> <tr> <td data-bbox="325 967 997 1003"> Power supply </td> <td data-bbox="997 967 1463 1003"> 2 AA batteries </td> </tr> <tr> <td data-bbox="325 1003 997 1039"> Time of continuous work hours, not less, h </td> <td data-bbox="997 1003 1463 1039"> 10 </td> </tr> <tr> <td data-bbox="325 1039 997 1122"> Weight of electronic unit with battery, no more, kg </td> <td data-bbox="997 1039 1463 1122"> 0.2 </td> </tr> </table>		Measuring thicknesses range , mm Probe 10MHz – P112-10-6 / 2 Probe 5MHz – P112-5-10 / 2 Probe 2,5MHz – P112-2,5-12 / 2	0.8 ... 300 (range 0.8-30mm) (range 1-75mm) (range 2-300mm)	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, s	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 AA batteries	Time of continuous work hours, not less, h	10	Weight of electronic unit with battery, no more, kg	0.2
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<p>Available options</p>	<ul style="list-style-type: none"> ○ Couplant ○ <u>UT-probes</u> ○ <u>Calibration blocks</u> 
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MEDIA:

Company info:

Our company **NOVOTEST** designs and manufactures instruments for **NON-DESTRUCTIVE QUALITY TESTING**. We are located in Ukraine, 5 Spasskaya str., Novomoskovsk.

NOVOTEST produces instruments for measuring a wide range of parameters and quality control for the majority of products:

- metal [hardness](#) of various types;
- [coatings thickness](#);
- ultrasonic [flaw detectors](#);
- ultrasonic [thickness gauges](#);
- instruments for [magnetic testing](#);
- [construction materials](#) quality monitoring instruments;
- [environmental control](#) equipment and many other devices.



Our benefits:

- More than 10 years on NDT market;
- Leading manufacturer of NDT devices in Ukraine;
- Representative offices in more than 30 countries around the world;
- All our devices are covered by standard 3-year warranty. Extended warranty up to 5 years is also available;
- Powerful development center;
- Constant expansion of the product range;
- Manufacturing customized NDT systems;
- Solutions for non-standard NDT tasks;
- After-sales service and technical support;
- Individual approach for cooperation with dealers.

For any information, please feel free to contact us!

We will be glad to answer for any questions!