




Coating Thickness Gauge

NOVOTEST TP-1M

The best offer among portable coating thickness gauges!!!

Name	Coating Thickness Gauge NOVOTEST TP-1M
Photo	

<p>Purpose</p>	<p>Portable Coating Thickness Gauge NOVOTEST TP-1M – device for operative non-destructive measuring of coating thickness in compliance with ISO 2808 with high measurement accuracy.</p> <p>Coating thickness gauge is designed to test:</p> <ul style="list-style-type: none"> ○ thickness of various thick protective coatings on various metals and alloys; ○ thickness of paint and other dielectrics – radioabsorbing, mastic, teflon, plastic, electroplating coatings on steel; ○ thickness of electroplating and paint coatings on non-ferromagnetic alloys and non-ferrous metals; ○ thickness of bitumen and other thick coatings on various metals and alloys; ○ as well as relative humidity, air temperature, surface temperature, dew point temperature and difference between surface and dew point temperatures, estimate the depth of grooves and the surface roughness <p>Electronic thickness gauge – device which widely used in shipbuilding and automotive industries for measuring of the thickness of paint, in order to test the quality of products, also it used for determining technical condition of the tested objects.</p> <div style="display: flex; justify-content: space-around;">   </div>
<p>Standards</p>	<p>ISO 2808</p>
<p>Advantages</p>	<ul style="list-style-type: none"> ○ Large thickness measurement range (0µm ...60mm) ○ Convenience and easy in operation ○ Shockproof case ○ Minimum number of controls: one button – one function ○ Graphical display with backlight ○ Automatic recognition of probe ○ Indication of the connected probe type ○ Control of batteries ○ Additional probes on customer request for measuring thickness, humidity, air and surface temperature, dew point, groove depth, surface roughness
<p>Standard set</p>	<ul style="list-style-type: none"> ○ Thickness gauge electronic unit TP-1M ○ Probe – 1 pc (F-0.5, F-2 or NF-2) ○ Set of reference thickness samples ○ Batteries (AA) – 2 pcs ○ Charger ○ Operating manual ○ Case <div style="text-align: right;">  </div>

Thickness measurement range(depends on probe type)	0 μm ... 60 mm
Dimensions, mm	122x65x23
Operating temperature range, ° C	-5 ... +40 ° C
Batteries	2 AAA
Type of connectors of probes	Lemo
Time of continuous work hours, not less	20
Weight of electronic unit with batteries, no more, kg	0.2

Specifications of probes for Coating Thickness Gauge NOVOTEST TP-1M

Coatings on steel (dielectric and conductive coatings on ferromagnetic metals and alloys)			
Type of probe	Coating thickness measurement range	Measurement accuracy	Dimensions of the probe, mm
probe F-0,3	0-300 μm	± (3% ± 1 μm)	Ø5×40
probe F-0,5	0-500 μm	± (3% ± 1 μm)	Ø 7×14
probe F-2	0-2000 μm	± (3% ± 2 μm)	Ø 9×35
probe F-5	0-5000 μm	± (3% ± 2 μm)	Ø 18×35


Coating on the non-magnetic metals (dielectric coatings on non-ferrous metals and alloys)			
probe NF-0,5	0-500 μm	± (3% ± 2 μm)	Ø 12×35
probe NF-2	0-2000 μm	± (3% ± 2 μm)	Ø 12×35

Thick coatings on metals (dielectric coatings on metals)			
probe M-12	0-12 mm	± (3% + 0.002 mm)	Ø 15×50
probe M-30	1-30 mm	± (3% + 0.003 mm)	Ø 40×50
probe M-60	1-60 mm	± (3% + 0.005 mm)	Ø 70×60

Measurement of surface roughness, Rz (after abrasive blasting pre-painting work)			
probe DSH	2-360 μm	± (3% ± 2 μm)	Ø 12×45

Temperature, humidity and dew point			
probe DT	-50 ... +125 ° C	+ / - 1 ° C	Ø 15×45
probe DTVR	Humidity: 0 – 100% Temperature: -50 ... 125 ° C Dew point: -15 – +40 ° C	± 5% ± 1 ° C ± 2 ° C	Ø 15×120

Specification

<p>Available options</p>	<ul style="list-style-type: none"> ○ Additional probes for thickness gauge (depends on requirements) ○ Set of reference thickness samples ○ Batteries ○ Charger 
<p>Warranty</p>	<p>Standard 3-year warranty. Extended warranty up to 5 years is also available</p>
<p>Payment</p>	<p>100% in advance. TT, WU, PayPal, Credit card</p>
<p>Delivery</p>	<p>CIP, FCA etc. DHL, TNT, FedEx, UPS etc. Shipment - within 1 week</p>
<p>Discounts</p>	<p>Up to 36% for dealers</p>



MEDIA:

Operation with F-5 probe of Coating Thickness Gauge NOVOTEST TP-1M - <https://www.youtube.com/watch?v=7WQONpKzEd8>

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

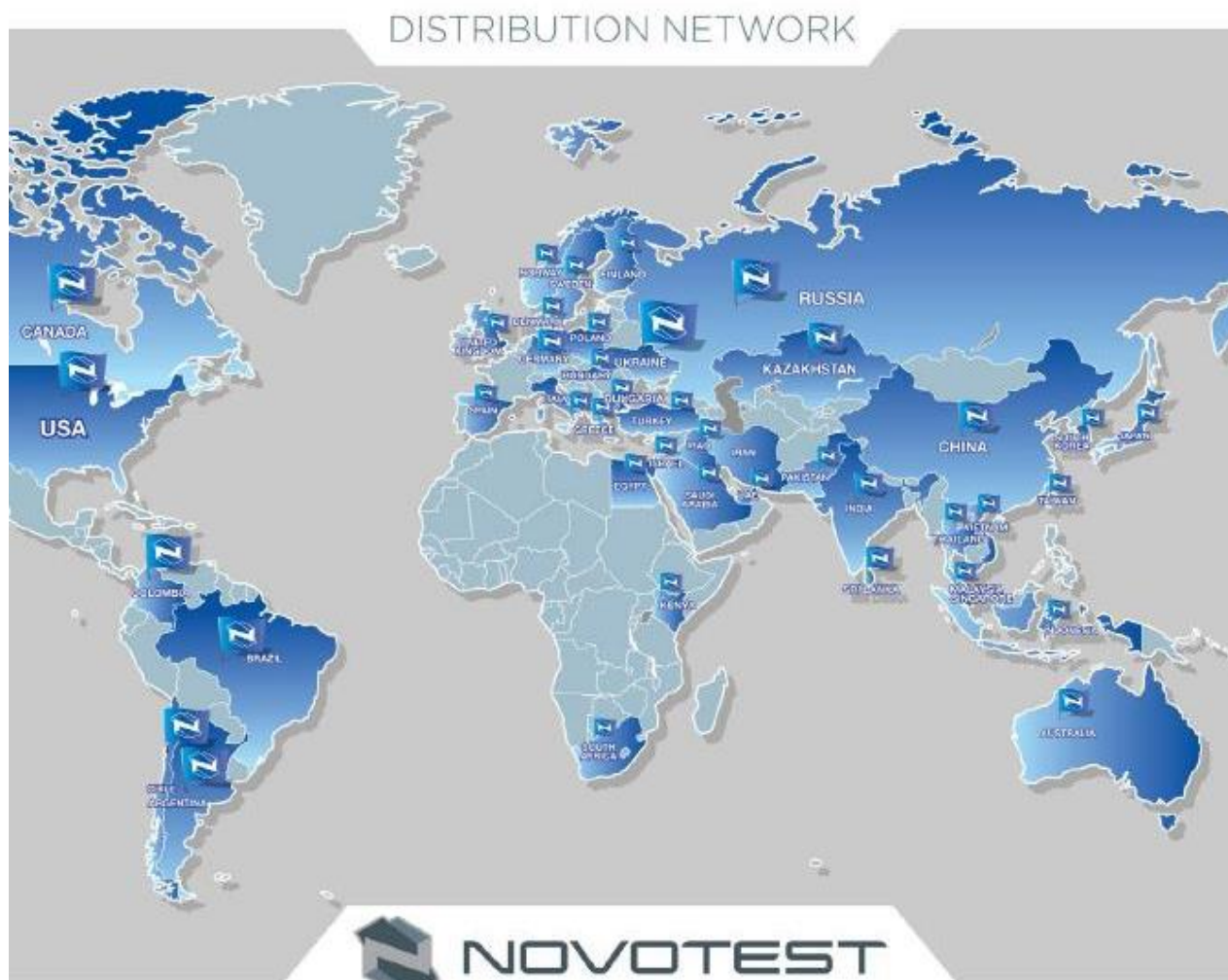


Our benefits:

- 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!



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