Coating Thickness Gauge NOVOTEST TP-1

Portable Coating Thickness Gauge NOVOTEST TP-1 – device for operative non-destructive testing of coating thickness with high measurement accuracy.

Coating thickness gauge is designed to test:

- ✓ thickness of various thick protective coatings on various metals and alloys;
- ✓ thickness of paint and other dielectrics – radioabsorbing, mastic, teflon, plastic, lectroplating 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

Electronic thickness gauge – device which widely used in shipbuilding and automotive industries for measuring the thickness of paint, in order to test the quality of products, also it used for determining technical condition of the tested objects.

❖ The advantages of Coating Thickness Gauge NOVOTEST TP-1

- Large thickness measurement range
- Convenience and ease in operation
- Minimum number of controls: one button – one function
- Graphical display with backlight
- Automatic recognition of brobe
- Indication of the connected probe type
- Control of batteries

❖ Specifications of Coatings Thickness Gauge NOVOTEST TP-1

The range of measured thicknesses (depending on sensor type)	0 μm ... 60 mm
Overall dimensions, mm	120x60x25
Operating temperature range, ° C	-5 ... +40 ° C
Batteries	2 AAA
Time of continuous work hours, not less	20
Weight of electronic unit with battery, no more,kg	0.2

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

Dielectric and conductive coatings on ferromagnetic metals and alloys			
Type of probe	**The coating thickness range**	**The measurement accuracy**	**Dimensions of the sensor, mm**
probe F-0, 3	0-300 μm	± (3% ± 1 μm)	Ø5x40
probe F-0, 5	0-500 μm	± (3% ± 1 μm)	Ø 7x14
probe F-2	0-2000 μm	± (3% ± 2 μm)	Ø 9x35
probe F-5	0-5000 μm	± (3% ± 2 μm)	Ø 18x35
Coating on the non-magnetic metals (Dielectric coatings on non-ferrous metals and alloys)			
probe SF-0, 5	0-500 μm	± (3% ± 2 μm)	Ø 12x35
probe NF-2	0-2000 μm	± (3% ± 2 μm)	Ø 12x35
Thick coatings on metals (dielectric coatings on metals)			
probe M-12	0-12 mm	± (3% + 0.002 mm)	Ø 15x50
probe M-30	1-30 mm	± (3% + 0.003 mm)	Ø 40x50
probe M-60	1-60 mm	± (3% + 0.005 mm)	Ø 70x60
Measurement of surface roughness, Rz (After Abrasive blasting pre-painting work)			
probe DSH	2-360 μm	± (3% ± 2 μm)	Ø 12x45
Temperature, humidity and dew point			
probe DT	-50 ... +125 ° C	+ / - 1 ° C	Ø 15x45
probe DTVR	Humidity: 0 - 100% Temperature: -50 ... 125 °C Dew point: -15 - +40 °C	± 5% ± 1 ° C ± 2 ° C	Ø 15x120

❖ Additional options for ordering of Coating Thickness Gauge NOVOTEST TP-1

- Additional probes for thickness gauge (depends on requirements)
- Batteries
- Charger
- Set of thickness samples

❖ Standard set of Coating Thickness Gauge NOVOTEST TP-1

- Thickness gauge electronic unit
- Probe – 1pc
- Set of reference thickness samples
- AAA batteries – 2pcs
- Charger
- Operating manual
- Case