

COATING THICKNESS GAUGE TP-2020



Scan to view demo protocol



- HIGH MEASUREMENT SPEED
- MULTI-POINT PRECISION CALIBRATION
- HIGH MEASUREMENT ACCURACY
- INBUILT MEMORY AND TRANSFER TO A PC

Coating Thickness Gauge TP-2020 is designed for measuring the thickness of various coatings on both ferrous and non-ferrous metals. The main advantage among analogues is the wide choice of transducers in a wide range of thicknesses from 1 micron to 60 mm.



WIDE MEASUREMENT RANGE

The thickness gauge is a multifunctional device that can measure the following parameters in addition to coating thickness: groove depth and corrosion, surface roughness, as well as temperature control, ambient humidity and dew point.



MULTIFUNCTIONAL

SPECIFICATIONS

Measuring thicknesses range (depends on probe type)	0 µm – 60 000 µm / 60 mm / 2.3622 inch
Measuring accuracy (depends on probe)	±(0.03h+0.002) mm
Measuring units	mm, inch, mil, µm
Probe types	Probe F – Coatings on steel (dielectric and conductive coatings on ferromagnetic metals and alloys) Probe NF – Coating on the non-magnetic metals (Any (dielectric or metal) coatings on non-ferrous metals and alloys) Probe M – Thick coatings on metals (dielectric coatings on metals) Probe DSH – Measurement of surface roughness, Rz (After abrasive blasting pre-painting work) Probe DT, probe DTVR – Temperature, humidity and dew point
Data storage	Device – 256 NOVOTEST Lab App – limited only by the memory of the Android gadgets Cloud storage – limited only by the memory of the Cloud storage Wireless connection with Android smartphones, tablets, etc.: - NOVOTEST Lab App PC: - Web interface – NOVOTEST.INFO
Data transfer	
Languages	English, French, Spanish, Ukrainian, Russian *additional languages available by request.
Body type / Dust and moisture protection level	Plastic, with shockproof silicone case Standard for shop and field operation IP54"
Power supply / Charging	2 pcs AA batteries / AA charger
Batteries life	20 h
Operating environment	Temperature: -30°C ~ 50°C, Humidity: <95% R.H. at 35°C
Dimensions and weight of electronic unit (with batteries)	122x76x37 mm / 0.25 kg

VARIOUS OPERATING MODES



Normal - current measurement.
Reference - the instrument displays deviations from the set thickness.
Statistics - maximum and minimum value, deviation, average value, number of measurements.
Averaging mode - averages the values of the series.

SIMPLE AND PRACTICAL



The instrument does not require any special operator training. It has a special protective cover that prevents damage if dropped, and the contrast display with adjustable brightness allows use in any lighting condition.