



Qoltec Coating thickness gauge with illuminated side LCD | 0 ~ 2000um

Product code: 50646

Coating thickness meter used for steel as well as aluminum coatings. Designed to measure the thickness of non-conductive coating on metal surface and non-ferromagnetic coating on ferromagnetic metal, such as the thickness of paint on car surface. The device has built-in magnetic induction and a dual probe with a high degree of sensitivity. It automatically detects the substrate property and calculates the coating thickness.

CHECK BEFORE YOU BUY - ACCURACY YOU CAN RELY ON



Quick and precise measurement of coating thickness without risk of coating damage

Every car bodyshop, Collision Repair Services or diagnostic station uses a tool called a Paint Thickness Meter to measure the thickness of the paint film. **The instrument features a side-mounted, backlit LCD display that provides excellent readability of results** even in low light or dark workshop spaces. **Easy to use, handy and precise instrument** does not damage the surface to be tested, without fear you can apply the probe and take the measurement, for example, to check whether the car was repainted, which is very helpful in assessing its real value.

YOUR RELIABLE SUPPORT DURING EVERY INSPECTION



Automatic recognition of surface type (F/NFE/AUTO), 2 readings per second, Resolution down to 1 μm

- **Three modes:** automatic mode (AUTO), magnetic induction mode (F) and vortex mode (NFE),
- **Measurement speed:** 2 readings per second,
- **Resolution down to 1 μm ,**
- **Measurement accuracy:** $(3\% + 1 \mu\text{m})$,
- **Wide measurement range 0-2000 μm ,**
- **Large backlit LCD display for easy parameter reading,**
- **Robust housing made of durable ABS material,** making it resistant to mechanical damage and heavy use

A METER THAT TELLS THE TRUTH ABOUT YOUR CAR



Examples of paint thickness meter application

- **Body and paint workshops** - checking the quality of performed repairs and compliance with the standards, allows you to detect body and paint repairs (such as hidden putty, additional layers of paint)
- **Industrial production** - for checking the thickness of protective coatings on metal parts
- **Purchase of a used car** - to assess the technical condition of the vehicle to avoid buying a car after serious collisions,
- **Laboratories and quality control** - for research measurements,
- **Car washes** - ongoing monitoring of the condition of the paint

DETECT WHAT CAN'T BE SEEN WITH THE NAKED EYE



How to use the device correctly to get a reliable result ?

It is best to measure the thickness of the coating on a clean surface, so it is best to clean the area to be measured before starting the measurement and only then to apply or approach the probe tip to the paint. In addition to a dirty surface, a weak battery can also interfere with a reliable measurement result, so we recommend checking that the battery is in working order. A properly calibrated device is ready for measurement as soon as it is switched on.

CONFIDENCE CONFIRMED BY A WARRANTY

Quality Guarantee

Do you care about the high quality of the product you are buying? Our solutions will meet your expectations. The product comes with a **24-month guarantee valid from the date of purchase**.

TECHNICAL DATA

Producer	Qoltec
Measurement range	0 ~ 2000um
Min substrate thickness	0.2mm (F probe), 0.05(N probe)
Minimum concave radian	25 mm
Minimum convex radian	5 mm
Minimum measured area	20mm
Resolution	0 um ~ 999 um (1um)
Maximum measurement speed	2 readings per second
Precision	(3%+1um)
Built-in battery	No
Display	LCD
Application	Automotive robots, Automotive market, Industrial coatings, Industrial production, Mechanical processing, Metalworking Equipment manufacturing
Additional information	Quick and precise measurement, Automatic substrate detection Highly sensitive probe Power supply requires 2 replaceable AAA 1.5V batteries ATTENTION : A low quality battery may disturb the correctness of the measurement – it is worth checking its condition regularly
OTHER PARAMETERS	
Colour	Black
Material	ABS
Operating temperature	0°C ~ +50°C / 20°C ~ +90%rh
Dimensions (D/L x W x H)	120 x 43 x 22 mm
Package contents	1 x Coat thickness gauge 1 x Operating instructions 1 x Calibration plate set
Package	Box
Package depth / length [mm]	35
Package width [mm]	53
Package height [mm]	136
Net weight [kg]	0.062
Gross weight [kg]	0.100
Certificate	CE
Warranty	24 month
EAN code	5901878506463