

BB25 layer thickness measuring device

Professional layer thickness measurement of car paint and other coatings



With the BB25 you can quickly and precisely determine the thickness of non-magnetic coatings such as paints, varnishes, plastic coatings, zinc coatings, enamellings or chrome plating both on ferromagnetic and non-ferromagnetic metals. The sensitive dual sensor is just as precise on iron and steel as it is on non-ferrous metals like aluminium, magnesium or titanium.

The spring-loaded measuring head comes with a practical V-groove. This, on the one hand, simplifies measurements of round objects, e.g. axles or hinges, on the other hand, they become insensitive to vibrations.

Convenient, single-handed operation is another advantageous feature of the measuring device providing precise results in a measuring range between 0 and 2,000 µm. Stored measured values and groups can be called up directly at the device if required.

Furthermore, the data transfer is effected via Bluetooth – simple and wireless.

Technical data	BB25 layer thickness measuring device	
Article number	3.510.205.076	
Sensor	Ferromagnetic grounds	Non-ferrous metal grounds
Functional principle	Magnetic induction	Turbulent flow
Guaranteed tolerance	0 ~ 1000 µm (±2 % ±2 µm) 1000 ~ 2000 µm (±3.5 %)	
Minimum bending radius (surface)	1.5 mm	3 mm
Minimum measuring surface	Ø 7 mm	Ø 5 mm
Critical primary layer thickness	0.5 µm	0.3 µm
Measuring range	0 to 2,000 µm	
Accuracy	0 ~ 100 µm (0.1 µm) minimum value, average value and 100 µm ~ 1,000 µm (1 µm) alarm function, display 1,000 µm ~ 2,000 µm (0.01 mm)	
Functions	Error indicator for measuring errors, adaptive display illumination, automatic switch-off, Bluetooth	
Dimensions / weight	113.5 x 54 x 27 mm / 110 g (incl. battery)	
Scope of delivery	Measuring device, calibration accessories, storage case, battery, operating manual	

Regardless of whether for use in the automobile sector, for layer thickness measurement of hand rail and ship's paint or checking enamellings – the BB25 is the ideal hand-held measuring device for pros in this and other fields.

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BENEFITS IN PRACTICE:

Dual sensor for thickness measurement of non-magnetic layers on all magnetic and non-magnetic metals

Broad measuring range from 0 to 2,000 µm

Error indicator for incorrect measuring

Simple zero point calibration for quick operational readiness and high precision

Storage space for up to 2,500 measured values

All stored values and groups can be called up directly at the device

Bluetooth interface for PC measuring data transfer

Simple single-handed operation

Display illumination adaptable to the lighting conditions

Automatic switch-off