

BB20 Coating Thickness Meter

Quick and easy determination of the thickness of car paint, for example, and other coatings

TROTEC
AT WORK.

BENEFITS IN PRACTICE:

Dual sensor designed to measure the thickness of non-magnetic coatings on all magnetic and non-magnetic metals

Broad measuring range from 0 to 1,250 μm

Alarm function that alerts the user when predefined thickness thresholds have been exceeded

A variety of useful statistical functions like minimum, maximum or average coating thickness

Two-point calibration for high level of accuracy

Memory for up to 400 measuring values

USB interface for PC measuring data transfer

Can be used with one hand only

Backlit display

Auto power off

Excellent value for money



The BB20 has an innovative dual sensor which enables you to measure the thickness of non-magnetic coatings like paint and varnishes, synthetic coatings, zinc coatings, enamel or chrome as well as steel or iron and non-iron metals like aluminum, magnesium, titanium etc.

The measuring head is spring-mounted and has a practical V groove. This makes it easier to carry out measurements on rounded objects like axes or hinges and prevents vibrations from distorting or affecting the measuring results.

The measuring device is extremely compact and can be used with one hand only. It has an impressive measuring range from 0 to 1,250 μm and guarantees precise measuring results with helpful statistical values and a practical alarm function which alerts the user when predefined thickness thresholds have been exceeded.

These professional functions and features make the BB20 ideal for use in the automotive sector where it can be used to inspect the bodywork of cars and check

Technical data	BB20 Coating Thickness Meter	
Article number	3.510.205.075	
Sensor	Ferromagnetic surfaces	NF metallic surfaces
Functioning principle	Magnetic induction	Eddy current
Guaranteed tolerance	($\pm 3\% + 1$) μm of the measuring value	($\pm 3\% + 1.5$) μm of the measuring value
Bending radius minimum (surface)	1.5 mm	3 mm
Smallest measuring area	$\varnothing 7$ mm	$\varnothing 5$ mm
Critical primary layer thickness	0.5 μm	0.3 μm
Measuring range	0 to 1,250 μm	
Accuracy	max. 0.1 μm	
Functions	Maximum value, minimum value, average value and standard deviation, alarm function, backlight, auto power off	
Dimensions / Weight	110 x 54 x 24 mm / 100 g (incl. battery)	
Scope of delivery	Measuring device, calibrating accessories, storage case, battery, operating manual	

whether a car has been involved in an accident or a new coat of paint has been applied. It can also be used to check just about everything ranging from paint thickness on railings to the coats of paint on a boat or ship as well as other protective coatings.