coat**master**

measure up. contactless.

coat**master Flex**

Your solution for non-contact coating thickness measurement

PATENTED TECHNOLOGY

Avoid rework and rejects.
Detect and correct deviations early in the process.

Save material.
Reduce your material consumption by up to 30%. This saves money and protects the environment.

Ensure quality.
Produce coatings with high accuracy and set new quality standards.

Technical Data

Substrate: Metal

Powder coatings before curing	5 – 300 µm
Wet coatings before drying	5 – 300 µm
Cured powder coatings	5 – 500 µm
Dried wet coatings	5 – 500 µm
Measuring time	from 20 ms
Distance tolerance	2 – 15 cm
Tilt tolerance	± 70°
Measurement on moving and jiggling parts	yes
Relative standard deviation*	<2 %
Smallest measuring point	2 mm
Works on all colors (incl. white)	yes
Real-time data access via ERP and Internet browser	yes
Dimensions HxWxD	374 x 91 x 203 mm
Weight (without battery)	1.3 kg
Measurements/battery with application non-white	up to 1,300
Standby time/battery	up to 7.5 h

All information applies to a typical coating system and substrate.
The exact limits always depend on the physical properties of the coating material.
Even if the parameters are within the specified ranges, certain combinations may not be achievable.
For an accurate assessment, please contact coatmaster AG.
Actual performance may vary, and specifications are subject to change without prior notice.
*60 µm powder coating before curing on aluminium, 5 cm working distance.

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Learn more
What our customers think
about thickness measurement
with coatmaster Flex