

# coatmaster Flex

Your solution for  
non-contact measurement  
of coating thickness.

«With the coatmaster we have  
reduced our powder consumption  
by 28 % »

Kai Altenburg, Head of Surface Technology  
Ernst Schweizer Metallbau



#### **Avoid refinishing and rejects.**

Detect and correct deviations  
early in the process.



#### **Save material.**

Reduce your coating material  
consumption by up to 30%. This protects  
your resources and our environment.



#### **Ensure quality.**

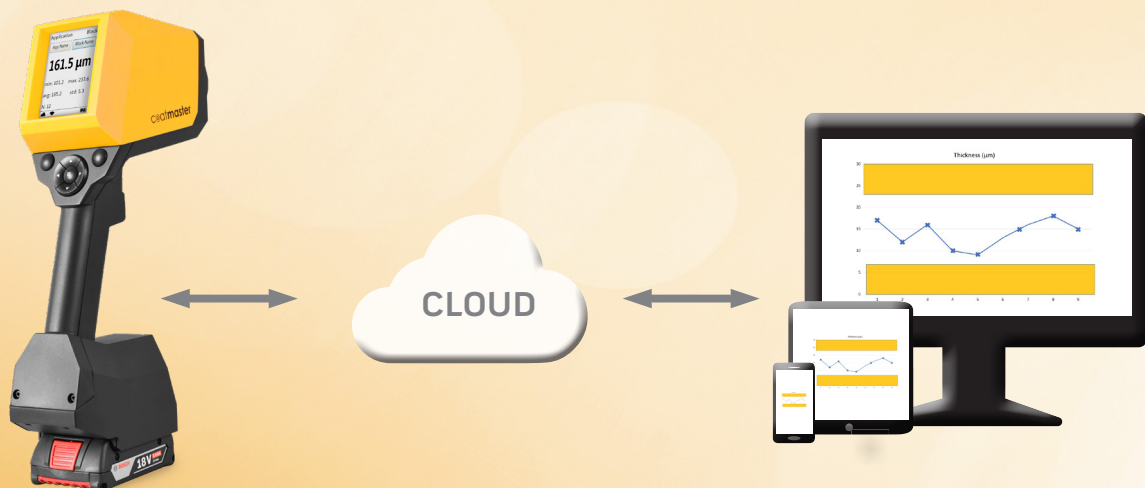
Produce coatings with high accuracy  
and set new quality standards.

# Technical Data

Cured powder / dried paints	1–1000 $\mu\text{m}$
Wet paints before drying	1–400 $\mu\text{m}$
Powder coatings before curing	1–400 $\mu\text{m}$
Measuring time	0.25 s
Distance tolerance <sup>1</sup>	2–15 cm
Tilt tolerance <sup>1</sup>	$\pm 70^\circ$
Measurement on moving parts	yes
Relative standard deviation <sup>2</sup>	< 1%
Functions on all colors (incl. white)	yes
Real-time data access via ERP and browser	yes
Weight( without battery)	1.3 kg
Dimensions	374 x 91 x 203 mm

<sup>1</sup> Depending on coating and substrate material

<sup>2</sup> 60  $\mu\text{m}$  powder coating before curing  
on aluminium, 5 cm working distance



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Learn more about  
coatmaster Flex

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