



coatmaster

measure up. contactless.

coatmaster Inline

Non-contact coating thickness measurement for continuous industrial use



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.



Document continuously.

Document your coating process for you and your customers.

Technical data

Substrate: Metal

Powder coatings before curing 10 – 300 µm

Wet coatings before drying 1 – 300 µm

Cured powder coatings 1 – 1000 µm

Dried wet coatings 1 – 1000 µm

Substrate: Plastic/Rubber

Wet coatings before drying 5 – 150 µm

Dried wet coatings 5 – 50 µm

Substrate: Wood/MDF

Powder coatings before curing 10 – 150 µm

Wet coatings before drying 10 – 250 µm

Measuring time from 20 ms

Distance tolerance 5 – 120 cm

Tilt tolerance ± 70°

Measurement on moving and jiggling parts yes up to 120 m/min

Relative standard deviation* <1 %

Smallest measuring point 1 mm

Works on all colors (incl. white) yes

Real-time data access via ERP and Internet browser yes

Dimensions measuring head HxWxD 160 x 205 x 210 mm

Weight measuring head 5.2 kg

All specifications apply to a typical coating system and substrate.

The exact limits always depend on the physical properties of the coating material.

*60 µm powder coating before curing on aluminium, 5 cm working distance.

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Learn more

All information about
thickness measurement
with coatmaster