

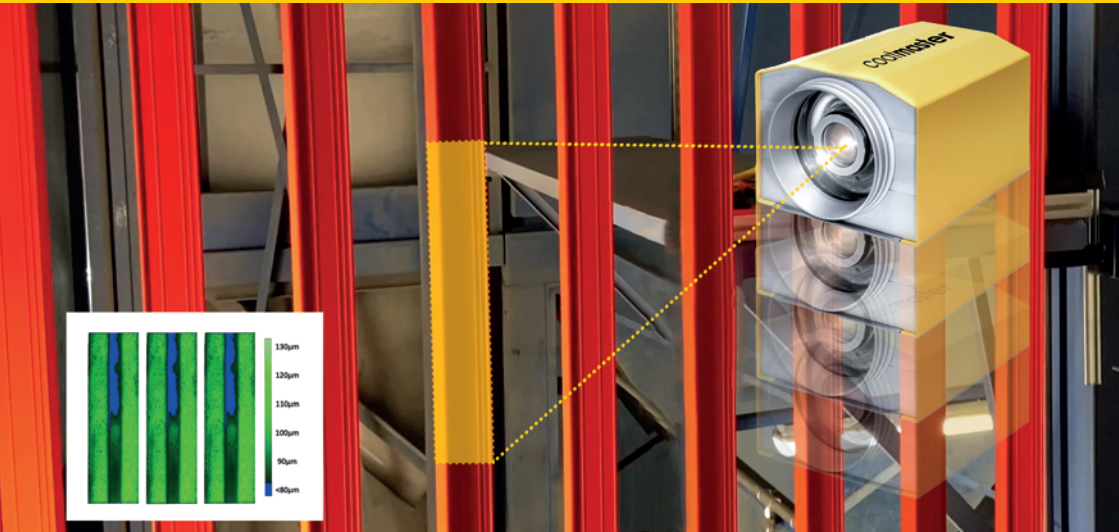


coatmaster

measure up. contactless.

coatmaster 3D Inline

Non-contact coating thickness distribution on moving parts



Decrease setup time for your process.

Immediately find and correct uneven coating thickness distribution.



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	30 – 300 μm
Wet coatings before drying	20 – 300 μm
Cured powder coatings	30 – 500 μm
Dried wet coatings	30 – 500 μm
Measuring time	typ. 200 ms
Distance tolerance	10 – 40 cm
Tilt tolerance	$\pm 70^\circ$
Measurement on moving and jiggling parts	yes
Relative standard deviation*	<5 %
Measuring area	scalable up to 20x30 cm
Number of measuring point	up to 640 x 512
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.

