

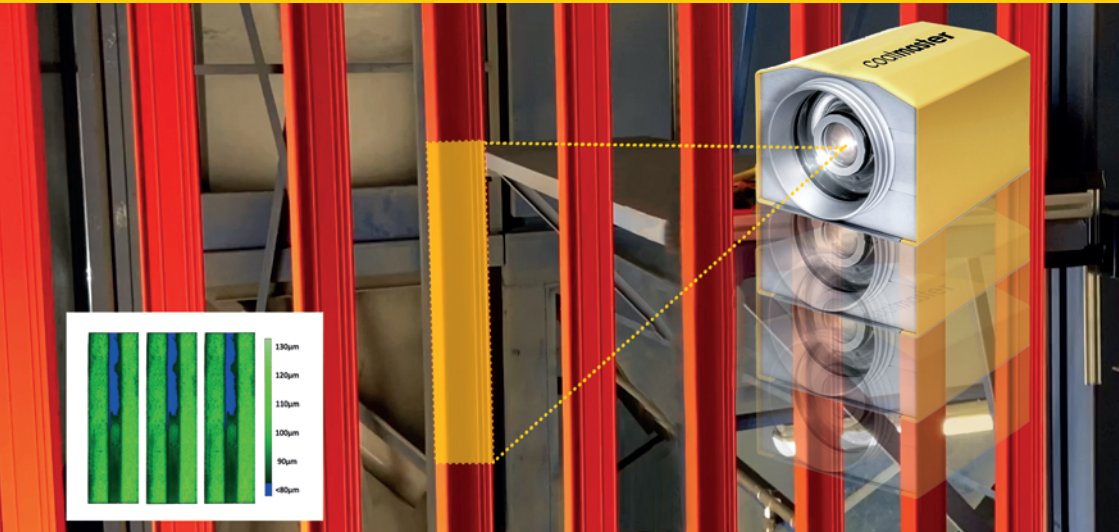


# coatmaster

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

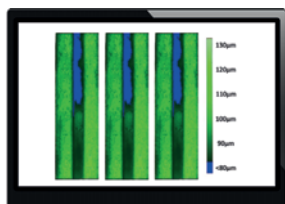
## Substrate: Metal

|                                                    |                         |
|----------------------------------------------------|-------------------------|
| 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                                     | ± 70°                   |
| 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.



## coatmaster AG

Flugplatzstrasse 5

CH-8404 Winterthur

Tel +41 52 212 02 77

info@coatmaster.com

[www.coatmaster.com](http://www.coatmaster.com)



## Learn more

All information about  
thickness measurement  
with coatmaster