



coatmaster

measure up. contactless.

coatmaster Aline

Non-contact coating thickness measurement in laboratory and production



PATENTED
TECHNOLOGY



Avoid rework and rejects.

Detect and correct deviations early in the process.



For complex shaped parts.

Also on curved surfaces, on inner sides and corners and edges.



Mobile measuring station.

Can be used for several coating lines.

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 HxWxD	200 x 380 x 510 mm
Weight	16 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.

