

The coatmaster delivers reliable results.



Noncontact with large measurement distance.
Patented technology (Advanced Thermal Optics) for non-contact coating thickness measurement.



For complex shaped parts.
For complex shaped parts.



Early in the process.
Also suitable for wet and non-cured coatings.



Automation and data base access.
Through extensive TCP/IP instruction set.



Inline in real time.
Measure on moving parts in the coating line for uninterrupted production.



Maximum repeatability.
Tolerant against changes in distance and tilting with fast measuring process.



Various materials.
Measure paints, adhesives, e-coatings on metal, rubber, wood and many other materials.



Imaging coating thickness measurement.
Spatially resolved imaging coating thickness measurement with high depth of field for moving components (coatmaster 3D).

The coatmaster is versatile in use.



Lubricant and polymer coatings.
With coatmaster, lubricant and polymer coatings are produced in a tight tolerance range. The short measuring duration saves time and ensures continuous documentation.



Wet paints.
Precise measurements are possible even before drying. The measuring equipment capability is guaranteed. This saves material, time and ensures quality.



Adhesives.
Even on rough surfaces and in soft condition, measurement of adhesive thickness is accurate and reliable. This ensures that only the highest quality leaves your factory.



Powder coatings.
Save up to 30% of powder coating material with precise coating thickness control. Early coating thickness measurement before curing reduces costs and rejects.



Thermally sprayed coatings.
Measure the thickness of thermally sprayed coatings quickly and non-destructively. Assure quality while saving material and time.



Coil coating.
The coatmaster brings the coating process on coils into the target range after only a few meters. Savings in coil and coating material pay for themselves within a few months.



Learn more
All information about coating thickness measurement with coatmaster

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coatmaster
measure up. contactless.

Noncontact coating thickness measurement



Control production.

Detect and correct deviations early in your process to avoid rejects and rework.



Document without interruption.

Continuous documentation of your coating process for you and your customers.



Save material.

Reduce your material consumption by up to 30%. This saves money and benefits the environment.



Assure quality.

Produce coatings with high accuracy and set new quality standards.

coatmaster Inline

Precise coating thickness measurement for continuous industrial use.



coatmaster Atline

Coating thickness measurement for spot testing in laboratory and production.



coatmaster Flex

The mobile solution for flexible coating thickness measurement.



coatmaster 3D

Fast measurement of coating thickness distribution over whole components.



coatmaster Inline

Precise coating thickness measurement for continuous industrial use.



Robust, compact and fanless measuring optics

Reliable even in hot production environments

Optimized for robot assembly

Easy integration into coating systems

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

Kai Altenbrug, Head of Surface Technology, Ernst Schweizer AG

coatmaster Atline

Coating thickness measurement for spot testing in laboratory and production.



Compact measurement setup

Reliable measurement even on complex surfaces

Integrated measurement database

«Saves us production time by accurate measurement even with wet paint»

Peter Gebhardt, Site & Operations Manager Production, AkzoNobel Coatings

coatmaster Flex

The mobile solution for flexible coating thickness measurement.



Measurement on moving parts

Tolerant to tilting and distance changes

Cloud access to database

«High precision, easy handling and possibility to document the production»

Stefan Moog, Head of Department at Stobag Alufinish

coatmaster 3D

Fast measurement of coating thickness distribution over whole components.



Scalable measurement area

Even for geometrically complex parts

Low integration costs

«Fast and reproducible measurement even on critical parts with narrow surfaces»

Dr. Klaus Rehm, Deputy Head of Competence Division Integrated Planning and Production, BFH