

# coatmaster® Flex

Non-contact film thickness measurement



**Avoid rework  
and rejects.**



**Save material  
consumption.**



**Ensure quality  
& efficiency.**

*Performance by design*

## **Easily integrate within any finishing production line**

- Measures wet and non-cured paint coatings, adhesives and e-coatings on metal, rubber, wood and more surfaces
- Displays accurate readings regardless of part shape and size
- Offers noncontact measurement for up to 2-15 cm away
- Operate worry-free with non-destructive technology and zero dangerous emissions

## **Cloud connectivity enhances performance**

Use the power of the cloud\* to analyze your film thickness measurement online. Store data for historical reference or evaluate the production's performance from any connected device.

\*Wi-Fi connectivity required.



**Nordson**

# Pick it up and get started!

## Patented Technology

coatmaster Flex uses **Advanced Thermal Optics (ATO)** technology to measure the thickness of a coating immediately after application and before it's cured.

Technical Data	
Cured powder / dried paints	1 – 1000 µm
Wet paints before drying	1 – 400 µm
Powder coatings before curing	1 – 400 µm
Measuring time	0.25 s
Distance tolerance <sup>1</sup>	2 – 15 cm
Tilt tolerance <sup>1</sup>	±70°
Measurement on moving parts	Yes
Relative standard deviation <sup>2</sup>	< 1 %
Measures coatings on any color (including white)	Yes
Real-time data access via ERP and browser	Yes
Weight (without battery)	1.3 kg
Dimensions	374 x 91 x 203 mm

<sup>1</sup> Dependent on coating and substrate material.

<sup>2</sup> 60 µm powder coating before curing on aluminum, 5cm working distance

Battery shipped separately.

*Performance by design*

Advanced Thermal Optics Technology

Quick Release Trigger

Handheld coatmaster Flex

Rechargeable Battery



**Nordson Industrial Coating Systems**

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