



TQC Sheen Coatmaster Flex

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The Coatmaster Flex is an advanced, portable device that rapidly measures the coating thickness of wet or cured and dried powders and paints.

Coating processes are highly sensitive to changes in environmental conditions. A coating thickness gauge must be easy to handle and operate – wherever and whenever you need it.

The Coatmaster Flex is both portable and durable, offering contactless and non-destructive support in industrial environments, with zero dangerous emissions. It provides fast and reproducible results, even on critical parts with narrow surfaces.

Built for accuracy, reliability and convenience, our device requires minimal calibration, plus it's insensitive to the angle and distance of measurement. The Coatmaster Flex is so easy to use – just pick it up and start measuring!

Benefits:

- Save coating material and protect the environment
- Avoid costly rework and rejects
- Rapid return on investment
- Large measuring distance tolerance (2-15 cm)
- Large tilt tolerance (70°) (Depending on coating and substrate material)
- Suitable for thicker layer thicknesses
- Suitable for measuring moving parts
- Suitable for dry and wet film coatings
- Measurement data saved in the cloud

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

Technical Specification:

Cured Powder / Dried Paints	1 - 1000 µm
Wet Paints Before Drying	1 - 400 µm
Powder Coatings Before Curing	1 - 400 µm
Measuring Time	From 20 ms
Distance Tolerance	2 – 15 cm (Depending on coating and substrate material)
Tilt Tolerance	1 ± 70°
Measurement on Moving Parts	Yes
Relative Standard Deviation	1 % (60 µm powder coating before curing on aluminum, 5 cm working distance)
Measures Coatings of any Color (Incl. White)	Yes
Real-Time Data Access via ERP and Browser	Yes
Weight (Without Battery)	1.3 kg
Dimensions	(W) 91 mm x (H) 374 mm x (D) 203 mm

Ordering Information:

Article Number	Article Description
LD5865	Coatmaster Flex

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