



# TQC Sheen Coatmaster Flex



Protecting  
Product Integrity

## TQC Sheen Coatmaster Flex

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:

<b>Powder Coatings Before Curing</b>	5 – 300 µm
<b>Wet Coatings Before Drying</b>	5 – 300 µm
<b>Cured Powder Coatings</b>	5 – 500 µm
<b>Dried Wet Coatings</b>	5 – 500 µm
<b>Measuring Time</b>	from 20 ms
<b>Distance Tolerance</b>	2 – 15 cm
<b>Tilt Tolerance</b>	± 70°
<b>Measurement On Moving And Jiggling Parts</b>	Yes
<b>Relative Standard Deviation*</b>	<2 %
<b>Smallest Measuring Point</b>	2 mm
<b>Works On All Colors (Incl. White)</b>	Yes
<b>Real-Time Data Access Via ERP And Internet Browser</b>	Yes
<b>Measurements/Battery With Application Non-White</b>	up to 1,300
<b>Standby Time/Battery</b>	up to 7.5 h
<b>Weight (Without Battery)</b>	1.3 kg
<b>Dimensions</b>	(W) 91 mm x (H) 374 mm x (D) 203 mm

*\*60 µm powder coating before curing on aluminium, 5 cm working distance.*

*All information applies to a typical coating system and substrate. The exact limits always depend on the physical properties of the coating material.*

### Ordering Information:

Article Number	Article Description
LD5865	Coatmaster Flex

### Contact Details

**web.** [www.industrialphysics.com](http://www.industrialphysics.com)

**email.** [info@industrialphysics.com](mailto:info@industrialphysics.com)