



# Coating Thickness Gauges

Get accurate measurements for coatings applied over ferrous and non-ferrous substrates and for complex parts you can always use our miniature probes as well as the extended range probe for thick coatings.

With 3 calibration modes, statistics and a memory for 5000 readings QC3 gauges offer excellent features at the best price.



## **Applications**





### Special probes



#### Straight, 45° or 90° Mini Probe

Specially developed to measure borders, interiors, reduced spaces and complex geometries. With custom lengths in 35mm (1.38in) sections and your choice of a straight, 45° or 90° tip.

Range: 0 to 750µm (0 to 29.5mil)
Accuracy: ±1 to 3% or ±2,5µm (±0,1mil) 4

Resolution: 0 to 199,9μm: 0,1μm | 200 to 750μm: 1μm (0 to 9.99mil : 0.1mil 10 to 30mil: 1mil)



#### Straight Ferrous or Non-Ferrous "V" Cut Probe

The "V" cut allows measurements over curved surfaces; Concave Min R = 45 mm. C onvex Min R = 2 mm.

Range: 0 to 1500µm (0 to 59mil) Accuracy: ±1 to 3% or ±2,5µm (±0,1mil) <sup>4</sup>

Resolution: 0 to 99,9μm: 0,1μm | 100 to 1500μm: 1μm (0 to 4.99mil: 0.01mil | 5,0 to 60,0mil : 0,1mil)



#### Straight Extended Range Probe

Choose this probe for coating measurements that exceed the thickness

range for the standard probes.
Range: 0 to 5000µm (0 to 197mil)
Accuracy: ±1 to 3% or ±20µm (±1mil) 4
Resolution: 0 to 5000µm: 1µm (in µm)

0 to 0,999mm: 0,001mm (in mm) | 1 to 5mm: 0,01mm

(0 to 49.9mil: 0.1mil | 50 to 197mil: 1mil)

4. Whatever is bigger.

### Models

64 9 mg	Models	Ferrous base	Non-Ferrous base	Data transfer
Store  Solich  Q  Call	QC3 F		0	0
	QC3 <b>DLF</b>		0	
	QC3 N	0		0
	QC3 DLN	0		





79 x 117 x 24mm (3.11 x 4.6 x 0.95in)

#### **WEIGHT**



182g (0.40lbs)

#### **POWER**



Battery: AA x2 Battery life: 60 Hours <sup>5</sup>

#### INTERNATIONAL STANDARDS 6

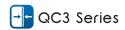


ASTM D7091 ASTM D1186 ASTM E376 ASTM D1400 ASTM B244



ISO 2178 ISO 2360

5. Display light off. / 6. According to model.





### Ready to use

Delivered in a high impact carrying case, inside you will find:

- 1 QC3 electronic unit
- Standard probe with Caltag<sup>7</sup>
- 3 Calibration kit: Base + 3 calibration shims
- 4 USB cable to connect to a PC<sup>8</sup>
- 5 Pendrive with dmq DataCenter software 8
- 6 User manual
- Certificate of conformity

7. Ask about special probes.

8. QC3 DLF and QC3 DLN models.



# dmq DataCenter

It's our acquisition software for PC that allows to receive, process and export the data stored in our equipment with datalogger.

DataCenter is available for download from our website at no additional cost.





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Instruments developed and manufactured by DEMEQ

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