

Advanced Coating Thickness Gauges

Get accurate measurements on ferrous and Non-ferrous substrates and if you work with both materials get faster results with the automatic base detection feature.

Obtain measurements on complex parts using our mini probes or our extended range probe.

With 9 calibration modes, statistics, graphics and a memory for 32000 readings the QC5 is the most advanced option.



Standard probes with a range of 0 to 1500µm



Can be used with special probes ¹



CalTag: Probe with integrated calibration



Auto base detection ¹



Measures non-ferrous coatings over ferrous substrates ¹



Measures non-metal coatings over non-ferrous substrates ¹



9 calibration modes



Memory for 32000 readings



USB for data transfer using dmg DataCenter ²



Real time graphics and statistics



5 year limited warranty ³



The best post-sale support



1. Depends on the model.

2. Models with a Datalogger, dmg DataCenter at no charge.

3. On the electronic unit.



Applications

Paints, varnish and laquers.

Zinc, Chrome, Anodization.

Non-magnetic coatings applied over Ferrous bases.

Non-metallic coatings applied over Non-Ferrous bases.

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, Non-Ferrous or Combined "V" Cut Probe

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

Range: 0 to 1500µm (0 to 59mil)

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

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



Models



Ferrous base



Non-Ferrous base



Automatic base



Salida de datos

QC5 F



QC5 DLF



QC5 N



QC5 DLN



QC5 C



QC5 DLC



DIMENSIONS



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

WEIGHT



182g
(0.40lbs)

POWER



Battery: AA x2
Battery life: 60 Hours⁵

INTERNATIONAL STANDARDS⁶



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 QC5 electronic unit
- 2 Standard probe with Caltag⁷
- 3 Calibration kit:
Base + 3 calibration shims
- 4 USB cable to connect to a PC⁸
- 5 Pendrive with dmq DataCenter software⁸
- 6 User manual
- 7 Certificate of conformity



7. Ask about special probes.

8. QC5 DLF, QC5 DLN and QC5 DLC 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.



Transfer data to your PC



View measurements



Create graphics



Analyze data



Export to other programs



Generate and print reports



dmq DataCenter

Available for Windows XP / 7 / 8 / 10
in www.demeq.com/datacenter



QC Family

Coating Thickness Gauges



dmq | Measure
+ Control

Instruments developed and manufactured by DEMAQ

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