

Dry Coating Thickness Gauges

QC3 Series

Simple, Fast, and Accurate Coating Thickness Measurements

QC3 Series Dry Coating Thickness Gauges are simple and accurate instruments used to measure coatings (paint, varnish, lacquer, etc.) and platings (niquel, zinc, chrome, etc.) applied over Ferrous and Non-Ferrous surfaces. All QC3 models have a memory to store up to 5000 readings, but data can only be transferred to a PC on the QC3 DLF and QC3 DLN models using dmq DataCenter software.



Applications

- Measure coatings and platings
- Check finished products
- Measure paint, varnish, lacquer
- Measure niquel, zinc, chrome
- Inspect galvanized steel
- Check OPC drum cartridges



Outstanding Features

- Measure over ferrous and non-ferrous bases
- 3 calibration modes
- dmq probes with Cal-Tag technology
- Errors of 1 to 3%
- Continuous measurements up to 99 per minute
- Large LCD display w/ LED backlight
- Transfer data to PC via USB (DL models)
- dmq DataCenter Software
- High impact ABS enclosure w/ rubber sides
- Touch-Sense front panel

4 Models

	QC3 <i>F</i>	QC3 <i>N</i>	QC3 <i>DLF</i>	QC3 <i>DLN</i>
User Friendly Interface	•	•	•	•
3 Calibration Modes	•	•	•	•
Fast Mode 99 Readings Per Minute	•	•	•	•
Statistics	•	•	•	•
<i>Ferrous / Magnetic Base</i>	•		•	
<i>Non-Ferrous / Non-Magnetic Base</i>		•		•
<i>Transfer values to a PC (Data Logger)</i>			•	•

*Complies with
DIN EN ISO 2178,
ASTM D7091 and
DIN EN ISO 2360*

*F = Ferrous
N = Non-Ferrous
DL = Data Logger*

Technical Specifications

Measurement

Normal range	0-1500 μm (0-60 mils)
Error	± 1 to 3% or ± 1 to 3 μm
Resolution	Resolution: 1 μm (0.1mil)
Units	μm (microns) and mils
Alarms	Programmable high and low
Hold Last	Last measurement is displayed

Calibration

3 modes	B+P, 1PT, BSE
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Data Logger

Capacity	5000 + readings
Organization	Up to 8 files with names
Capture modes	Manual, single, continuous

PC Connection

Connection	USB
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Front Panel

Type	Touch-Sense
Sensitivity	Adjustable

User Interface

Languages	English, Spanish and Portuguese
Navigation	Menus and Icons

Electronic Unit

Dimensions	78 x 117 x 24 mm
Weight	180g with batteries
Working Temp	-10° a +50°C
Enclosure	High impact ABS with rubber sides

Power Supply

Batteries	2 x AA 1,5v
Battery life	100 hours w/backlight off
Battery Indicator	Permanent
Shutdown	Manual, auto

Display

Digits	17mm tall
Backlight	LED (On, Off, Auto)
Contrast	Digital
LCD	Graphic LCD 128 x 64 px

Presentation

- QC3 electronic unit
- Straight probe
- Calibration base
- Set of 3 calibration shims
- USB cable to connect to PC
- dmq DataCenter Software
- Printed user manual
- High impact carrying case
- Certificate of conformity

dmq DataCenter Software

DataCenter is a universal program developed by Demeq that is used to download and process data in all models with a Data Logger (DL). Values stored in the unit memory can be transferred to a PC via USB.



S.I. Instruments
256 South Rd. Hilton
South Australia 5033
Ph (08) 8352 5511

Instruments developed and manufactured by DEMEQ
Washington 3894 | C.A.B.A. 1430EVb | Argentina
Sales: +54 11 4542-7783 | Service: +54 11 4541-3647
E-mail: infodemeq@demeq.com | Website: www.demeq.com