













Ultrasonic Wall Thickness & Corrosion Gauges

Obtain precise measurements on materials such as steel, glass, plastic, among others, detect wear and corrosion easily and if the piece is painted, measure it without stripping it.

It offers the greatest versatility of the QS family by measuring with all available transducers.

With B-Scan graphics, coupling level indicator, corrosion detector and 32000 data memory, the QS5 is the most advanced option.

-  Range in Pulse-Echo (without painting) 0.6 to 500mm
-  Range in Eco-Eco (on paint) 2 to 25mm¹
-  0.01mm resolution
-  Fault analyzer: Corrosion, Pitting
-  Graph in B-Scan mode
-  Power indicator coupling
-  Measure from 4 to 20 samples / second
-  Propagation speed adjustment and calculation
-  Memory for 32000 readings
-  USB and RS232 for data transfer
-  **5 year limited warranty²**
-  **The best post-sale support**



1. Discards thicknesses up to 2 mm. Depending on the model.
2. On the electronic unit.



Ideal for measuring thickness in...

Parts with corrosion and wear

Pressure vessels

Tanks, tubes and bars in all kinds of materials


Pieces with or without painting





Transducers



- 
2MHz 90° transducers.
 Ideal for measuring materials with attenuation and/or large thicknesses.
Ø12mm: Range: 4 to 500mm | Temp. -10 a 4°C
Ø22mm: Range: 8 to 500mm | Temp. -10 a 40°C
- 
5MHz Ø10mm transducers.
 General use transducers.
90°: Range 1 to 300mm | Temp. -10 a 40°C
Straight: Range 1 to 300mm | Temp. -10 a 40°C
- 
5MHz Hi-damp transducers Ø10mm.
 Allows to measure coated parts without stripping up to 2mm.
90°: Range P-E: 1 to 250mm E-E: 2.5 to 25mm | Temp. -10 a 70°C
Straight: Range P-E: 1 to 250mm E-E: 2.5 to 25mm | Temp. -10 a 110°C
- 
5MHz high temperature transducer Ø10mm.
 Recommended for measuring hot parts.
Up to 150°C: Range 2 to 250mm
Up to 350°C: Range 1 to 250mm
- 
7MHz transducer
 Ideal for measuring thin wall thicknesses, curved surfaces and small parts.
 Range: 0.8 to 70mm

Models



				
	Models	Peasure over paint	Memory	Data output
QS5 B		<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
QS5 DL		<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
QS5 E		<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
QS5 DLE		<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

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 hours³

INTERNATIONAL STANDARDS



ASTM E797



Marcado CE

3. Display light off.

Ready to use

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

- 1 QS5 electronic unit
- 2 5MHz transducer
- 3 Coupling gel
- 4 USB cable to connect to a PC ⁴
- 5 Pendrive with dmq DataCenter software ⁴
- 6 User manual
- 7 Certificate of conformity

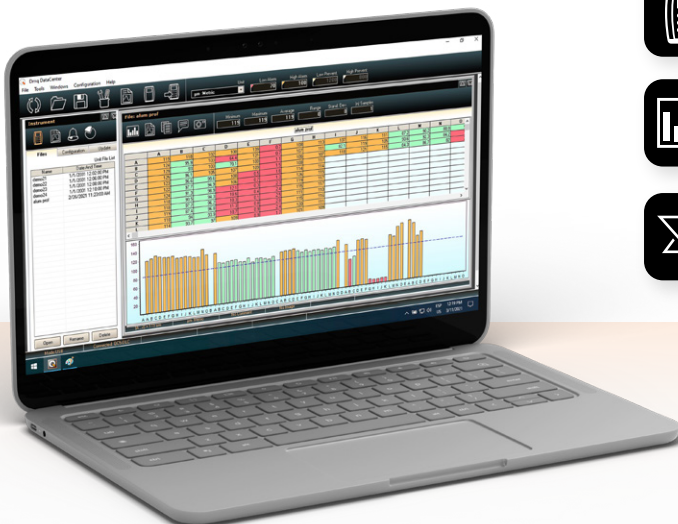
4. QS5 DL and QS5 DLE models.



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



QS Family

Ultrasonic Wall Thickness Gauges



dmeq | Measure
+ Control

Instruments developed and manufactured by DEMAQ

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Importer / Distributor