












# 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 25mm<sup>1</sup>
-  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 warranty<sup>2</sup>**
-  **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

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

## Models

				
	Models	Measure 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 hours<sup>3</sup>

**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 <sup>4</sup>
- 5 Pendrive with dmq DataCenter software <sup>4</sup>
- 6 User manual
- 7 Certificate of conformity

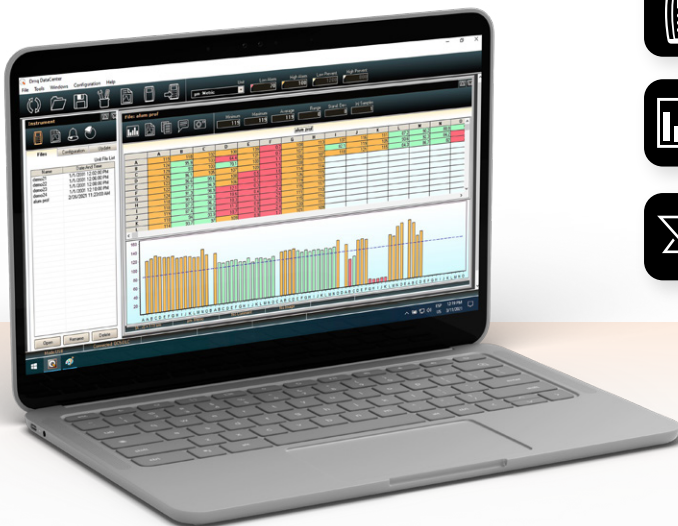


4. QS5 DL and QS5 DLE models.

## 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](http://www.demeq.com/datacenter)



## QS Family

### *Ultrasonic Wall Thickness Gauges*



**dme** | Measure  
+ Control

Instruments developed and manufactured by DEMAQ

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