













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 500 mm
-  Range in Eco-Eco (on paint) 2 to 25 mm¹
-  0.01 mm 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.
Ø12 mm: Range: 4 to 500 mm | Temp. -10 a 40 °C
Ø22 mm: Range: 8 to 500 mm | Temp. -10 a 40 °C



5 MHz Ø10 mm transducers.

General use transducers.
90°: Range 1 to 300 mm | Temp. -10 a 40 °C
Straight: Range 1 to 300 mm | Temp. -10 a 40 °C



5 MHz Hi-damp transducers Ø10 mm.

Allows to measure coated parts without stripping up to 2 mm.
90°: Range P-E: 1 to 250 mm E-E: 2.5 to 25 mm | Temp. -10 a 70 °C
Straight: Range P-E: 1 to 250 mm E-E: 2.5 to 25 mm | Temp. -10 a 110 °C



5 MHz high temperature transducer Ø10 mm.

Recommended for measuring hot parts.
Up to 150 °C: Range 2 to 250 mm
Up to 350 °C: Range 1 to 250 mm



7 MHz transducer

Ideal for measuring thin wall thicknesses, curved surfaces and small parts.
 Range: 0.8 to 70mm

dmq DataCenter

Software used to transfer measurements stored in all units with a datalogger to a PC so that data can be analyzed and processed with tools available in DataCenter.

DataCenter is available for download from our website and can be used 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

Models

You can upgrade your instrument with licenses that allow you to upgrade by adding the model features and functions you need.

				
	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"/>

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 PC³
- 5 Pendrive with dmq DataCenter software³
- 6 User manual
- 7 Certificate of conformity

³ QS5 DL and QS5 DLE models.



QS Family

Ultrasonic Wall Thickness Gauges



dmq | Measure
+ Control

Instruments developed and manufactured by DMEQ

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