

# Basic Ultrasonic Wall Thickness Gauges

Control and measure thickness quickly with decimal precision with the QS2 V and QS2 DLV models in all types of materials such as steel, glass and plastics, among others, or exclusively in steel with the QS2 S and QS2 DLS models.

With integrated speed table<sup>1</sup>, minimum detection and 1000 data memory, the QS2 offers excellent performance at the best price.

-  Measuring range from 1 to 500mm
-  0.1mm resolution
-  Adjustable propagation speed<sup>2</sup>
-  Minimum Value Hold
-  Memoria for 1000 readings<sup>3</sup>
-  USB for data transfer<sup>3</sup>
-  **5 year limited warranty<sup>4</sup>**
-  **The best post-sale support**



1. Only QS2 V and QS2 DLV models.
2. Depends on the model.
3. Models with Datalogger. dma DataCenter no cost.
4. On the electronics unit.

## Ideal for measurement and control of:

Pressure vessels  
(e.g. fire extinguishers)

Tanks and compressors

Metal parts<sup>1</sup>  
(Tubes, bars, etc.)

Plastics, glass, ceramics  
among others<sup>1</sup>

## Transducers



### 5 MHz Ø10 mm 90° transducer

General use transducer.  
Range 1 to 300mm | Temp. -10 a 40°C



### 5 MHz Ø10 mm Straight transducer

General use transducer.  
Range 1 to 300mm | Temp. -10 a 40°C



### 7 MHz transducer

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

## Models



Models



Velocity



Memory



Data output

QS2 S

Fixed for Steel



QS2 DLS

Fixed for Steel



QS2 V

Adjustable



QS2 DLV

Adjustable



## Specifications

### DIMENSIONS



69 x 115 x 28mm  
(2.7 x 4.5 x 1.1in)

### WEIGHT



200g  
(0.44lbs)

### POWER



Battery: AA x2  
Battery life: 60 hours<sup>5</sup>

### INTERNATIONAL STANDARDS



ASTM E797

5. Display light off.

## Ready to use

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

- 1 QS2 electronic unit
- 2 5MHz transducer
- 3 Coupling gel
- 4 USB cable to connect to a PC<sup>6</sup>
- 5 Quick user guide
- 6 Certificate of conformity

6. QS2 DLS and QS2 DLV 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



Export to other programs



Analyze data



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*



**dmeq** | Measure  
+ Control

Instruments developed and manufactured by DEMEQ

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