

# Ultrasonic Wall Thickness Gauges

## Easy to Use & Precise

QS3 wall thickness gauges are used primarily to measure metal parts and structures subject to wear and corrosion. Plastics, ceramics and glass among other materials can also be measured. Both QS3 models have a memory to store 5000 readings and with the QS3 DL values can be transferred to a PC via USB using dmq DataCenter software.



### Applications

Metal parts and structures

Steel plates, pipes and tubes

Plastics industry

Boilers and pressure vessels

## Outstanding Features

- High impact ABS enclosure
- Graphic LCD with LED backlight
- Touch sensitive keypad
- AUTO 1 point calibration
- Memory to store up to 5000 readings
- Hold last measured value
- Adjustable sound velocity
- On screen sound velocity table
- Operates with 2 AA batteries
- Transfer values to a PC via USB (QS3 DL)

## 2 Models

	QS3 <i>B</i>	QS3 <i>DL</i>
<i>AUTO 1 point calibration</i>	•	•
<i>Sound velocity table</i>	•	•
<i>Hold last measured value</i>	•	•
<i>Minimum alarm</i>	•	•
<i>Coupling indicator</i>	•	•
<i>Transfer values to a PC</i>		•

## Technical Specifications

Measuring	
Normal range	0.8 to 500mm
Resolution	0.01mm
Velocity	100 to 19999 m/s
Units	Metric, inches, $\mu$ seconds
Calibration	
Mode	AUTO 1 point
Memory	
Capacity	5000 + values
Organization	Up to 8 files with name
Internal clock	Saves day and time
Capture modes	Manual, single, automatic
Keypad	
Type	Touch-sense adjustable
Physical	
Dimensions	78 x 117 x 24 mm
Weight	180g with batteries
Operating Temp	-10° to + 50°C
Enclosure	High impact ABS with rubber sides
Power supply	
Batteries	2 x AA 1,5v
Battery life	100 hours with backlight off
Battery indicator	In all screens
Shutdown	Manual or Automatic
Display	
Backlight	LED (on, off, auto)
Contrast	Digital adjustable
Graphic LCD	128 x 64 px

## dmq DataCenter Software

DataCenter is software used to transfer, analyze and process values stored in the memory of the QS3 DL. Values are transferred to a PC using a USB cable.

## Presentation

QS3 electronic unit  
 5MHz transducer  
 Coupling gel  
 Printed user manual  
 High impact carrying case  
 Factory certificate of conformity  
**With the QS3 DL:**  
 USB cable to connect to PC  
 Pendrive with dmq DataCenter



## Optional

2MHz high penetration transducer  
 7MHz small contact diameter transducer  
 Silicone protective cover