

## SONOWALL 50 | Data Sheet

# SONOWALL® 50

Ultrasonic wall thickness gauge - by SONOTEC

The light and compact ultrasonic thickness gauge SONOWALL 50 enables the precise measurement of the wall thickness of components made of metal, glass, ceramics, and plastics. This efficient ultrasonic device allows the measurement of materials with both flat and curved surfaces. The wall thickness gauge enables the quick and simple detection of the first signs of wear and corrosion, for example, on ships, storage tanks, pipelines and cranes etc.



### Features

- Stable measurement output
- Ultrasonic thickness measurements on flat surfaces
- Easy measurements on curved surfaces due to dual function probe (SW 5-22)
- Easy calibration with integrated calibration block
- Integrated data logger

### Dual function probe

The SONOSCAN probe SW 5-22 for the SONOWALL 50 has been specifically designed for the measurement of wall thicknesses of pipes with small diameters. The integrated guidance system guarantees the stable coupling at curved pipe surfaces.



### Technical specifications

Measurement range	0.8 mm ~ 400 mm in steel (depending on type of ultrasonic probe)
Sound velocity	1000 m/s to 10.000 m/s
Resolution	0.01 mm (0.001")
Ambient temp.	-10 °C ~ +50 °C
Storage temp.	-20 °C ~ +50 °C
Display	Illuminated (128 px x 64 px)
Test block	Stainless steel (9 mm), integrated connections
Power supply	2 x LR6 I AA - primary cell
Operating time	40 hours (without light)
Data logger	Max. 10.000 readings
Dimensions (LxWxH)	128 mm x 80 mm x 28 mm
Weight	260 g
Protection class	Gauge: IP65 Probe: IP67
Software	For convenient evaluation of the measurement results

Information is subject to change without notice.

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