

SONOWALL 50

Wallthickness Measurement Gage

Advantages:

High precision measurement

Stable measurement data readout

Integrated data logger

Universal probe with a broad measuring range

Functional design of device and software

Applications:

Wallthickness measurement especially of pipes with small diameters

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The light and compact ultrasonic wall thickness gage SONOWALL 50 enables the precise measurement of the wall thickness of components made of metal, glass, ceramics and plastics. This efficient 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.

The SONOWALL 50 is characterised by its stable data readout and broad measuring range. The integrated data logger makes this user-friendly device a powerful and efficient all-rounder for practical use in numerous applications. In addition to the robust aluminium housing and the use of the highest quality components and materials, the SONOWALL 50 also has a practical ergonomic design.

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 Data

Application	Wall thickness measurement gage
Measuring range	0,8 - 400 mm steel (dependent on probe type)
Sound velocity range	1.000 - 10.000 m/s
Probe frequencies	2 MHz, 5 MHz, special probes for pipes with small diameters (5 MHz), others upon request
Measurement resolution	0,01 mm (0,0001 inch)
Operating temperature	-10 °C bis 50 °C
Storage temperature	-20 °C bis 10 °C
Display	Illuminated display (128 x 64 Pixel)
Test block	Stainless steel (9 mm), integrated in housing
Connectors	USB port for data logger, double Lemo 00 for probes
Power supply	2 x LR6 I AA - primary cells
Operating time	40 hours (backlight off)
Data loggers	Max. 10.000 readings
Dimensions: L x W x H	128 x 80 x 28 mm
Weight	260 g
Protection Class	Device: IP65, probe: IP67

Software

For a convenient evaluation of the measurements

360° Product View







360°

360°

Open 360° product view

Downloads

Type	Title	Size
 PDF	Flyer SONOWALL 50	1.66 MB
 PDF	Flyer Wall Thickness Probe SW 5-22	1.21 MB
 PDF	Data Sheet Wall Thickness Probe SW 2-23	109 KB
 PDF	Probe Catalogue NDT	7.13 MB

DO YOU HAVE ANY QUESTIONS?



Please contact us! We will be glad to help you.

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