

SONOWALL 70

A-Scan / B-Scan Thickness Gage

Advantages at a glance:

High performance
& compact design

Flip-screen-feature
simplifies usage

Robust aluminum
casing, IP 67

For various thickness applications:

Corrosion testing

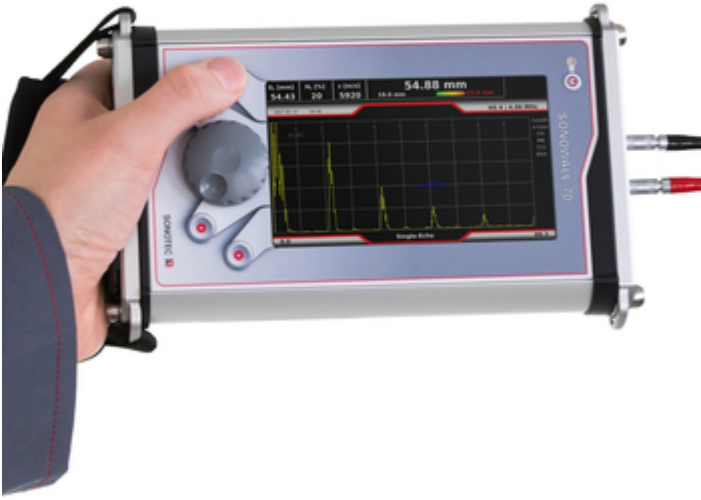
Through-coat
testing

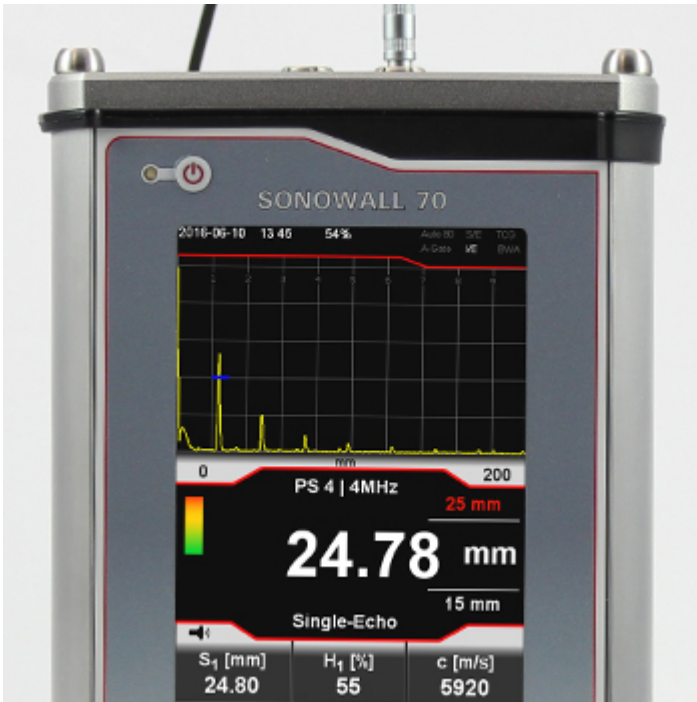
Precision
measurement

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The new thickness gage is perfectly suited for various ultrasonic thickness applications. The robust aluminium casing with **IP 67**, a light weight of **only 990g** and high resolution anti-glare **5-inch graphic display** make the SONOWALL 70 the ideal thickness gage in **harsh test environments**.

Intuitive operation

In addition to high performance, the focus during the development for this new thickness gage was on intuitive handling and clear display of measurement results. An intuitive user interface, clearly structured menu, and the presentation of all menu items in full text simplify and accelerate the set-up and operation of the device, and reduce the risk of incorrect settings.

All relevant measurement values and device settings such as wall thickness, A- or B-Scan, and individually adjustable test parameters are apparent at a glance on the large display screen (800x489).

Thanks to the innovative flip-screen technology, the device can be used with either hand for convenient working.

Intelligent probe identification

SONOWALL 70 is the first thickness gage in the market with intelligence probe identification. The extended probe management allows probe-specific information, such as DAC-curves, delay lines and serial numbers, to be saved directly in the probe.

In addition to various thickness applications, the device can be upgraded to a full-function flaw detector.

Technical Data

Standards	DIN EN 15317, DIN EN 61326, ASTM E 1324, ASTM E 317	
Operating temperature	-20 to +60°C	
Screen	5" TFT Screen, 800 x 480 pixels, 60 Hz	
Measurement methods	Single-echo, echo-echo, multi-echo	
Transmitter	Frequency	0.5 - 10 MHz (- 30 MHz optional)
	Pulse	Negative rectangle (single pulse)
	Pulse width	20 to 500 ns, in steps of 10 V
	Amplitude	0 to 400 V, in steps of 10 V
Receiver	Output impedance	50 Ohm, 400 Ohm
	Dynamic Range	110 dB

	Amplifier bandwidth	0.2 to 25 MHz
	Input Impedance	500 Ohm (in T/R-mode)
Probe connectors		2x LEMO (IP 67 compliant)
Scan		20 to 100 MSps @ 12/14 Bit
Software options		V/W error correction Floating gates Subsequent measurement of frozen A-scan Backwall echo attenuation via extra gate Time encoded B-scan option

360° view






360°

360°

open 360° view

Video

Downloads

Type	Title	Size
	Flyer SONOWALL 70	1.97 MB
	Case_Study_Corrosion_Measurement.pdf	183 KB
	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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