



Multi-echo wall thickness gauge

# SONOWALL® 60

Ultrasonic testing through coatings

MADE IN GERMANY



# Ultrasonic Testing of Coated Metals

## High-Precision Multi-Echo Technology

SONOWALL 60 measures reliably through paint and protective layers as well as corroded surfaces. The light and precise measuring device is used to detect signs of wear and corrosion by means of multiple echo technology.

## Applications

The gauge is designed for the accurate, non-destructive testing of the wall thickness of metal components. The SONOWALL 60 reliably inspects e.g. pipes, tanks, machine and steel components as well as pressure vessels for signs of wear. It is also used in quality assurance and incoming goods inspection.

Also available with special ultrasonic probe for plastics and composites with thick walls!



## Technical Data

Sound Velocity	2 000 m/s ... 7 000 m/s in steel
Measurement Range	3 mm ... 250 mm in steel with 2,25MHz 1 mm ... 50 mm in steel with 5MHz
Accuracy	±0,1mm or ±0.05 mm
Resolution	±0,1mm or ±0.05 mm
Battery	2 × AA (replaceable), optional rechargeable batteries
Size	85 mm × 115 mm × 25 mm
Display	Illuminated LCD display
Weight	275 g
Ambient Temperature	-10 °C ... +50 °C
Storage Temperature	-10 °C ... +60 °C
Protection Class	Gauge: IP65, probe: IP67
Scope of Delivery	SONOWALL 60 gauge, protective silicone sleeve with adjustable neck strap, standard probe, probe cable (1.5m), accessory pouch containing couplant gel, spare membranes, membrane coupling oil, 15 mm (or 1") test block, batteries, operating manual and carrying case

## Advantages

- Reliably measures through coatings as well as rough and uneven surfaces
- Deep coat mode for measurements on thick plastic coatings up to 20 mm
- Short inspection times, lower inspection costs
- High reproducibility
- Automatic zero point adjustment
- Automatic search unit recognition
- For harsh operating conditions



## Ultrasonic Probes

SW2-11 - 2 MHz  
S5A - 5 MHz

(Selection)

All figures and drawings are not to scale. Dimensions in mm, unless otherwise specified. Information is subject to change without notice.

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