



ACOUSTIC
CONTROL
SYSTEMS

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A1207

PenGauge)))



- World smallest & lightest thickness gauge
- Easy to use with just three keys
- Bluetooth connection to your smartphone
- A-scan & thru-paint capability on iPhone & Android
- Exchangeable dual-crystal or single-crystal transducer



ACTUAL
SIZE



Specification

Transducer type	Dual-crystal transducer	Single-crystal transducer
Measuring range	0.8 to 50 mm 0.03 to 2 inch	5 to 150 mm 0.2 to 6 inch
Transducer frequency	7 MHz	5 MHz
Transducer aperture	6 mm 0.24 inch	8 mm 0.31 inch
Displayed resolution	0.01 up to 9.99 mm, 0.1 above 10 mm 0.001 inch	
Time of continuous operation:	up to 16 hours	
Operating temperatures:	30°C to +50°C / -20°F to 122°F	
Weight:	60 grams / 0.13 pounds	
Physical size:	125 x 25 x 15 mm 5.3 x 1.2 x 0.8 inch	

Special features:

- Single-hand operation
- Exchangeable transducer / automatic probe type recognition
- Automatic coupling indication
- Automatic timed shut-off
- Easy velocity & thickness calibration
- Automatic dual-crystal probe delay calibration on reference blocks in delivery set
- User selectable imperial or metric units



Delivery set

- Instrument with a built-in rechargeable battery
- Dual-crystal transducer D1572 (7 MHz, $\varnothing$ 6 mm)
- Calibration samples 5 mm and 25 mm
- Couplant
- Power adapter & USB-cable
- Finger lanyard
- Hard shell carry case
- Optional: Single-crystal transducer S1573 (5 MHz, $\varnothing$ 8mm)

Free software for iPhone & ANDROID

- Real-time digital values
- A-Scans
- Thickness profile (B-Scan)
- Customized measurement gates for through-coating measurements
- Saving results in groups of measurements
- Saving results as image and raw data (A-Scans)



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