ACOUSTIC CONTROL SYSTEMS

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# A1207

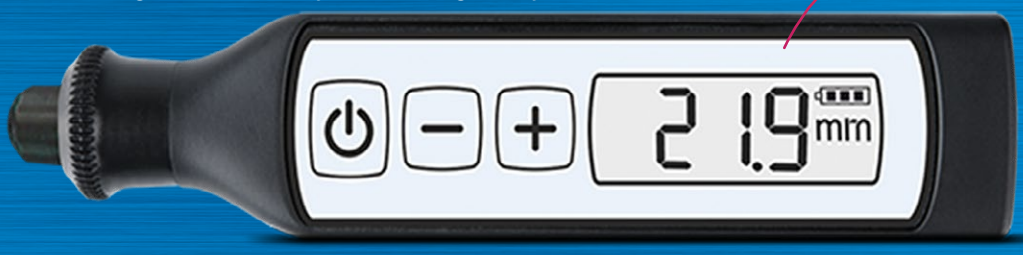
## PenGauge


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

Download on the App Store

GET IT ON Google Play

ACTUAL SIZE





# Specification

| Transducer type | Dual-crystal transducer | Single-crystal transducer |
|---|---|---|
| Measuring range | 0.8 to 50 mm<br>0.03 to 2 inch | 5 to 150 mm<br>0.2 to 6 inch |
| Transducer frequecy | 7 MHz | 5 MHz |
| Transducer aperture | 6 mm<br>0.24 inch | 8 mm<br>0.31 inch |
| Displayed resolution | 0.01 up to 9.99 mm, 0.1 above 10 mm<br>0.001 inch | |
| Time of continious 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<br>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, ∅ 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, ∅ 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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