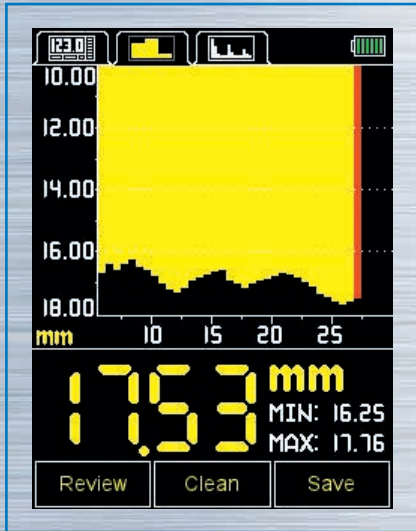




ACOUSTIC  
CONTROL  
SYSTEMS

ACS-SOLUTIONS GMBH  
SCIENCE PARK 2, 66123 SAARBRÜCKEN, GERMANY  
PHONE: +49 (0) 681-96592270 | FAX: +49 (0) 681-96592280  
WWW.ACS-INTERNATIONAL.COM | INFO@ACS-INTERNATIONAL.COM



# A1270 EMAT

ELECTRO-MAGNETIC ACOUSTIC THICKNESS  
GAUGE WITH THE NOVEL ELECTRO-MAGNETIC  
BIASING TECHNOLOGY



- World-first EMAT instrument with no permanent magnet
- Couplant-free and sticking-free operation
- Advanced functionality on rough / dirty surfaces
- Thru-paint / coating capability
- A-scan capability

## Specification:

Measuring range	1 – 50 mm
Measurement accuracy	$\pm(0,01X+0,1)$ , where X – thickness value
Sound velocity range	1.000 – 9.999 m/s
Continuous operating time	9 hours
Operating temperature	-30°C to +50°C
Weight	450 grams

## Special Features:

- Improved measuring capability on curved surfaces
- Customized measurement gates
- Raw data (A-scans) saving
- Thickness profile (B-scan) indication
- USB interface for inspection data transfer



## Delivery Kit:

- A1270 - EMAT thickness gauge
- S3850 - EMAT transducer with a built-in cable
- Hard shell carry case
- Optional: S7392 - permanent magnet EMAT transducer for high-temperature applications (up to 800°C)

