NAUMETRICS.

premium measuring instruments

PRODUCT LEAFLET

DC-4000

A/B scan ultrasonic thickness gauge

Colour waveform display and through-coating measurement.
Interchangeable probes for a range of materials and applications.

0.01 mm

Display resolution

3-25 mm

E-E through-coating range

10,000

Readings in 100 files

Waveform control and clear measurement

- A/B scan waveforms and large digits on a 320 × 240 colour TFT display
- Automatic probe recognition, zero calibration and detection-point location
- Selectable automatic or manual measurement
- Automatic measurement-screen freeze for data analysis
- Multilingual interface and USB transfer to Windows PC without software

Interchangeable probe options

D2012: 2 MHz • D5008: 5 MHz • D5113: 5 MHz, high temperature
D7006: 7.5 MHz • D7004: 10 MHz
D1025 for fibreglass and composite materials.

Alle genoemde prijzen zijn excl. BTW en verzendkosten. Op alle leveringen zijn uitsluitend de Naumetrics algemene verkoop- en leveringsvoorwaarden van toepassing. Deze zijn beschikbaar op www.naumetrics.nl.

Technical specifications

Specification	Value
Measurement range*	T-E: 0.63-400.0 mm (probe dependent) E-E: 3.00-25.00 mm (through coating)
Display resolution	0.01 mm (0.001 in)
Accuracy	Below 9.99 mm: ±0.04 mm 10-99.9 mm: ±(0.1% of thickness + 0.04 mm) Above 100 mm: ±0.3% of thickness
Standard probe	D5301, dual element, 5 MHz
Sound velocity range	1,000-9,999 m/s
Measurement rate	2 readings/s; 10 readings/s in fast mode
Average mode	Average of 2-9 measurements
Measuring units	mm / inch
Limit setting	Low/high indication and alarm
Memory	10,000 readings in 100 files
Data output	USB to PC without additional software
Display	320 × 240 TFT colour LCD
Power supply	2 × AA batteries
Operating temperature	-20 to +50 °C
Dimensions (L × W × H)	133 × 75 × 29 mm
Weight	0.26 kg, including batteries

*The feature list states a T-E lower limit of 0.65 mm; the technical table states 0.63 mm. Measurement range depends on the selected probe.

Standard delivery

Main unit • Dual element probe (D5301 or D1025)

Built-in calibration block: 4 mm, sound velocity 5,920 m/s

USB cable • Carrying case • Operating manual • Calibration certificate

D5301 is identified as the standard probe in the feature list.
The delivery list specifies D5301 or D1025.

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