NAUMETRICS.

premium measuring instruments

PRODUCT LEAFLET

KT-100B / KT-200B

Ultrasonic thickness gauges

Compact instruments for thickness measurement on steel, stainless steel, aluminium, glass, polystyrene and polyethylene.

0.65-400 mm

Measuring range*

0.01 mm

Fine display resolution

5.0 MHz

Standard D5008 transducer

*Range depends on the probe and material combination.

Designed for everyday measurement

- Pocket size and straightforward operation
- Automatic probe zero calibration and probe identification
- Sound velocity setting: 1,000-9,999 m/s
- Thickness display in mm or inches
- Interchangeable probes, including a high-temperature option

KT-200B: additional data functions

Average of 2-9 readings • Low/high limits with alarm • Up to 5,000 stored readings
USB output to PC • Software and cable included

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	KT-100B	KT-200B
Display	128 × 64, backlit	128 × 64, backlit
Measuring range*	0.65-400 mm	0.65-400 mm
Sound velocity	1,000-9,999 m/s	1,000-9,999 m/s
Average mode	-	2-9 readings
Low/high limits and alarm	-	Yes
Automatic calibration	Yes	Yes
Display resolution	0.01 mm up to 99.99 mm; 0.1 mm above 99.99 mm	0.01 mm up to 99.99 mm; 0.1 mm above 99.99 mm
Measuring units	mm / inch	mm / inch
Memory with location number	-	Max. 5,000 readings
Data output	-	USB to PC
Surface temperature**	-15 to +150 °C	-15 to +150 °C
Battery indicator	Low battery warning	Low battery warning
Power supply	2 × AAA, 1.5 V	2 × AAA, 1.5 V
Dimensions	115 × 64 × 27 mm	115 × 64 × 27 mm
Weight, including batteries	220 g	220 g

*Probe/material dependent. Range in inches: 0.025-15.78 in.
**Special probes available. Inch resolution: 0.001 in (fine) / 0.01 in (coarse).

Transducer specifications

Model	Frequency	Range (mm)	Diameter	Temperature
D5008	5.0 MHz	0.8-300	Ø 8 mm	≤ 60 °C
D5113	5.0 MHz	3.0-200	Ø 13 mm	≤ 350 °C
D7006	7.5 MHz	0.7-50	Ø 6 mm	≤ 60 °C
D7004	10.0 MHz	0.65-20	Ø 4 mm	≤ 60 °C
D2012	2.0 MHz	2.0-400	Ø 12 mm	≤ 60 °C

Standard delivery

Main unit • D5008 5 MHz transducer • Operation manual • Two AAA batteries
Built-in 4 mm calibration block • Carrying case • Couplant 40 oz • Certificates
KT-200B additionally includes software and cable.

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