



ULTRASONIC THICKNESS GAUGE

KT-100D/200D SERIES

ECHO-ECHO

- **Features**

The Through-Coating thickness measurement (E-E)

Pocket Size, easy to operate

Automatic Probe Zero calibration

Automatic probe identification

Measuring Range: E-E: 4-25mm

T-E: 0.65-400mm

(Range depends on probe-material combination)

Memory: 5000 readings with location number (KT-200D)

Data output: USB to PC (KT-200D)

Three measurement modes: T-E, E-E, Scan

9 material velocities are stored for selection,

Or input the new velocity manual

Technical Specification

Specification			KT-100D	KT-200D
Measurement mode	Transmit-echo	-Standard measurement: For Normal	√	√
	Echo-Echo	The metal wall thickness is accurately	√	√
	Scan	Thickness value at 10 measurements per	√	√
Probe identify	Auto		√	√
Probe zero	Auto at power up and continuously during the measure-		√	√
Gain adjust	Auto gain adjustment		√	√
Memory	5000 groups		--	√
Output	USB to PC		--	√
Measuring	E-E: 4-25mm		√	√
Resolution	0.01mm (0.001 inch) for thickness up to 99.99mm		√	√

Information Display	Measurement reading, Probe type, Velocity, Measurement mode, measurement symbol, Battery	√	√
Velocity range	9 material velocities are stored for selection, or entre the new velocity manually (1000 m/s-9999 m/s)	√	√
Vel. measurement	Simply calibrate when a material's velocity is unknown	√	√
Display	128 x 64 graphics LCD monochrome	√	√
Battery Type	2 AAA alkaline	√	√
Battery life	Up to 50 hours (without Backlight)	√	√
Shut off	Auto, 2 Min., 5 Min., or never shut off delectable	√	√
Work. Temperature	-20°C-50°C	√	√
Unit	Mm/inch	√	√
Dimensions	115mm x 64mm x 27mm	√	√
Weight	220g	√	√

Specification for Transducers

Model	Frequency	Measuring range	Diameter	Temperature
D5301	5.0MHz	T-E 2-160mm E-E 4-25mm	Ø 10.8	<60 °C
D5008	5.0MHz	0.8-300mm	Ø 10.8	<60 °C
D5113	5.0MHz	3.0-200mm	Ø13	<350 °C
D7006	7.5MHz	0.7-50mm	Ø8.5	<60 °C
D7004	10.0MHz	0.65-20mm	Ø5	<60 °C
D2012	2.0MHz	2.0-400.0	Ø16.3	<60 °C

Standard Delivery

Main unit
 Standard 5MHz transducer D5301
 Operation manual
 Two AAA batteries
 Built-in calibration block 4mm
 Carrying case
 Couplant 40 Oz
 Certificates

