

T-MIKE E SPECIFICATIONS

PHYSICAL DESCRIPTION

2.5 inches wide (64 mm)
4.5 inches long (114 mm)
1.25 inches deep (33mm)
11 ounces (312 grams)
Environmentally sealed aluminum case
Water resistant keypad

POWER SUPPLY

4 AA Alkaline or NiCad batteries
Interchangeable and easy to access
300 hours operating time
80 hours with backlight

MATERIALS

Fast and easy calibration for a wide variety of metals and plastics including steels, stainless steels, aluminum, cast iron, and plexiglass.

SOUND VELOCITY RANGE

From less than 0.999 inches per micro-second

MEASURING RANGE

0.025"–19.999" / 0.635 mm–500 mm depending on transducer, surface condition, temperature and material

DISPLAY RESOLUTION

0.001 inches / 0.01 mm

OPERATING TEMPERATURE

0°F to 300°F / -18°C to 150°C

CALIBRATION

One and two point material calibration

DISPLAY

4 1/2 digit amber backlit LCD
1/2 inch high digits
Coupling indicator
English/Metric selectable
IN or MM displayed
Display flashes to indicate battery replacement needed

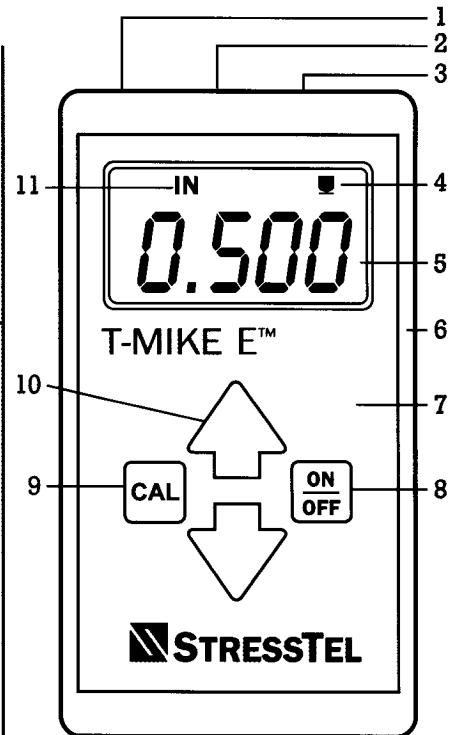
The StressTel T-Mike E is a compact, easy-to-use and rugged ultrasonic thickness gauge. Set-up is fast and easy; the operator simply performs a probe zero then a one step material calibration.

Ergonomically designed to fit comfortably in your hand, the T-Mike E is built to last, with an environmentally sealed water-resistant case and keypad.

WARRANTY

The T-Mike E is manufactured in a facility with a quality system conforming to ISO 9001. All T-Mike corrosion thickness gauges have a full two-year warranty on parts and labor excluding batteries, transducer and cable.

Specifications subject to change without notice.



- 1 Lemo quick-disconnect connectors
- 2 Battery charger connector/data port
- 3 Built-in auto-probe zero block
- 4 Coupling indicator
- 5 Backlit LCD indicates modes, measurements and icons
- 6 Lightweight aluminum case
- 7 Weather resistant sealed keypad
- 8 **POWER** key
- 9 Material calibration key
- 10 Arrow keys for calibration
- 11 Operator selectable Metric or English units

Select from StressTel's complete range of general and corrosion thickness gauges

T-Mike Programmable
T-Mike B with 5 preset materials
T-Mike E for general purpose testing
T-Mike ES for high speed scanning
T-Mike EL with datalogger
T-Scope III with waveform display

StressTel also manufactures the FlawMike—an easy-to-use, rugged, affordable flaw detector.

Visit our home page at
<http://www.stresstel.com>

Transducer Specifications

Application	ID	Measuring Range		Size Frequency	Case	Cable
General Purpose	20006-02	0.025" to 2.000"	0.60mm to 50mm	1/4" 7.5MHz	Knurled	Potted - 4ft
General Purpose	20001	0.040" to 5.000"	1.00mm to 125mm	1/4" 5MHz	Knurled	Potted - 4ft
General Purpose	20064	0.040" to 5.000"	1.00mm to 125mm	1/4" 5MHz	Flex Grip	Potted - 4ft
Extended Wear	20001-03	0.040" to 5.000"	1.00mm to 125mm	1/4" 5MHz	Knurled	Potted - 4ft
High Resolution	20006	0.040" to 5.000"	1.00mm to 125mm	1/4" 5MHz	Knurled	Potted - 4ft
Thin Steel	20004	0.040" to 3.000"	1.00mm to 76mm	3/16" 5MHz	Knurled	Potted - 4ft
Plate Aluminum	20000	0.040" to 4.000"	1.00mm to 102mm	1/4" 10 MHz	Knurled	Potted - 4ft
General Purpose	SL450	0.060" to 8.000"	1.50mm to 200mm	3/8" 5MHz	Bell Housing	MD Connector
Cast Iron	20002	0.075" to 4.000"	2.00mm to 102mm	1/2" 2.25 MHz	Knurled	Potted - 4ft
High Temperature	20008	0.040" to 4.000"	1.00mm to 102mm	1/4" 5 MHz	Insulated	Potted - 4ft

Contact StressTel for our full range of transducers



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