

T-MIKE ES SPECIFICATIONS

PHYSICAL DESCRIPTION

2.5 inches wide (64 mm)
 4.5 inches long (114 mm)
 1.25 inches deep (33 mm)
 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 wide variety of metals and plastics including steels, stainless steels, aluminum, cast iron and plexiglass

MEASURING RANGE

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

DISPLAY RESOLUTION

0.001 inches / 0.01 mm

OPERATING TEMPERATURE

0°F to 300°F / –18°C to 150°C

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

The StressTel T-Mike ES is a compact, easy to use and rugged thickness gauge. The T-Mike ES features high speed scanning with minimum thickness capture; an adjustable alarm to illuminate LEDs alerting the operator when thickness readings are above or below a set value; and a DIFF function to display the positive or negative difference compared to a preset value.

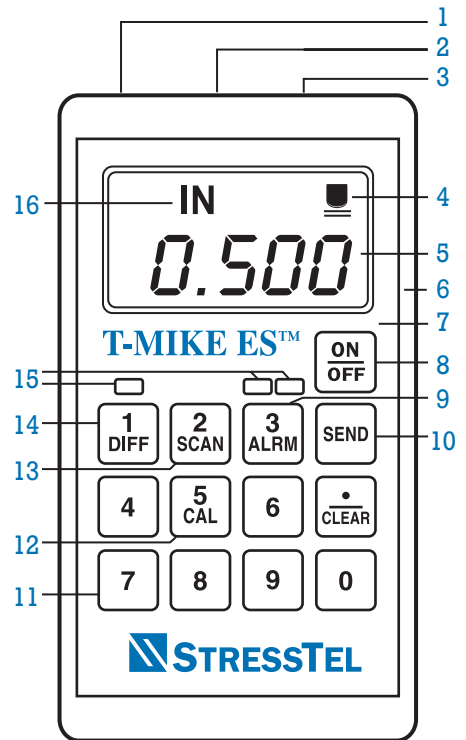
SPECIAL FEATURES

Scan Mode: Allows operator to scan an area and display minimum thickness
Alarm: Red LED illuminates to indicate reading falling below minimum thickness; green LED illuminates to indicate acceptable reading
Send: Allows operator to send current thickness reading over RS232 data port
Diff Function: Indicates positive (+) or negative (–) difference to preset thickness value

WARRANTY

The T-Mike ES is manufactured in an ISO 9001 facility. 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 **ALRM** key enables alarm LEDs
- 10 **SEND** key for transmission of readings
- 11 Numeric keys
- 12 Material calibration key
- 13 **SCAN** key enables rapid scanning and minimum thickness capture
- 14 **DIFF** key enables display of positive or negative difference to preset value
- 15 Red and green LED indicators
- 16 Operator selectable Metric or English units

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

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