

T-Mike EM™ SPECIFICATIONS

KIT INCLUDES

Instrument
Two 1.5V AA Alkaline Batteries
Hard Shell Carry Case
Transducer
Couplant
Operating Manual
Certificate of Calibration



SPECIAL FEATURES

THRU PAINT Mode – EM+ only
Environmentally Sealed Housing
Automatic Probe Recognition
Continuous Automatic Probe Zero
Automatic or Manual Gain Control
Hi Limit Alarm Mode
Lo Limit Alarm Mode
Min Capture Scan Mode
Differential Mode
Automatic Timed Shutoff
Extended Measurement Range
Auto Backlight Mode
Known Thickness Calibration
Known Velocity Calibration
Tactile Sealed Membrane Keypad
User Selectable Measurement Units
Instrument Lanyard

PHYSICAL DESCRIPTION

3.00 inches wide (76 mm)
5.75 inches long (146 mm)
1.35 inches deep (35 mm)
10.6 ounces (300 grams)

POWER SOURCE

Qty 2, 1.5V AA Alkaline Batteries

MEASURING RANGE*

0.025 inches to 19.999 inches
(0,635 mm to 508 mm)

DISPLAYED RESOLUTION

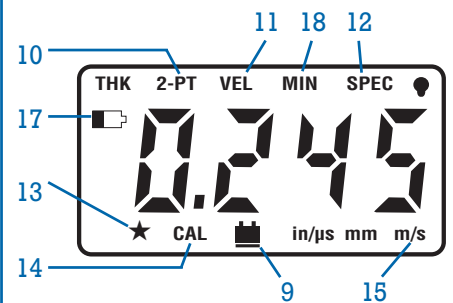
0.001 up to 9.999 inches, 0.01 above
(0,01 up to 99,99 mm, 0,1 above)

OPERATING TEMPERATURE

10°F to 120°F
(-12°C to +50°C)

MIN CAPTURE UPDATE RATE

16 MHz



- 1 Power Key
- 2 Increase value within **CAL** or **SETUP**
- 3 Decrease value within **CAL** or **SETUP**
- 4 **SETUP** key to change operating modes
- 5 Initiates **CAL** function and changes **SETUP** Modes
- 6 Set backlight to **AUTO** or **OFF**
- 7 Initiates Min Capture **Scan** Mode
- 8 Toggles between **THRU PAINT** and normal **IP** Mode*
- 9 Coupling Indicator
- 10 2-point **CAL** Mode indicator
- 11 Velocity **CAL** Mode indicator
- 12 **THRU PAINT** Mode indicator*
- 13 Probe Recognition indicator
- 14 **CAL** Mode indicator
- 15 Metric or Imperial Units
- 16 Alarm Indicator
- 17 Battery Indicator
- 18 **SCAN** Mode Indicator

TRANSDUCER SPECIFICATIONS (Auto Probe Recognition)

Application	Part Number	Measuring Range*	Size/Frequency
Hi-Performance IP Mode OR THRU PAINT Mode	063-200-098	0.040" to 10.00" (1,00mm to 254mm)	½" 5 MHz
Hi-Sensitivity IP Mode	063-200-101	0.025" to 2.000" (0,64mm to 50mm)	¼" 7.5MHz

* Material and application dependent

** Specifications subject to change without notice

* EM+ Model Only

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STRESSTEL
ULTRASONIC TESTING EQUIPMENT



Innovative packaging and increased performance without sacrificing simplicity.

Introducing the StressTel T-Mike EM™ series thickness gauges. Innovative packaging and increased performance without sacrificing simplicity. The T-Mike EM™ gauges are packaged in an environmentally sealed armored case ergonomically designed for single hand operation. Automatic Probe Zero with no probe zero block and Automatic Gain Control further support StressTel's goal of providing very capable yet simple to use instruments. The ultrasonic performance of the T-Mike EM™ is unrivaled by its competitors – stable readings are achieved in carbon steel from .025" to 20" thick. And YES the T-Mike EM™ is available with THRU PAINT Mode using the latest multi-echo measurement techniques to allow the operator to obtain accurate wall thickness readings without scraping paint.



The THRU PAINT Mode of the T-Mike EM+™ means no more scraping paint –

It's That Simple!

For more information visit
<http://www.stresstel.com>

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 ULTRASONIC TESTING EQUIPMENT