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TI-MMX-SDL High Performance Ultrasonic Thickness Gauge

The TI-MMX-SDL High Performance Data-Logging Thickness Gauge is a full featured ultrasonic thickness gauge offering an oversized display as well as a complete alphanumeric data logging system with storage capacity of thousands of data values.

The TI-MMX-SDL High Performance Data-Logging Thickness Gauge features the highest resolution graphic LCD on the market and is especially engineered for optimal ease of use.

The TI-MMX-SDL is supplied as a complete kit with the gauge, 4 oz. bottle of coupling fluid, 2 AA batteries, NIST Calibration Certificate, data transfer software, serial output cable and Operating Instruction Manual - all in a foam-fitted carrying case.

TRANSDUCER SOLD SEPERATELY

Features of the TI-MMX-SDL High Performance Data-Logging Ultrasonic Thickness Gauge

- The time-based B-Scan feature displays a cross section of the test material. It is commonly used to display the profile of the bottom surface of the test material.
- Built in hardware AGC gain control for through paint measurements in multi mode operation.
- The TI-MMX-SDL High Performance Data-Logging Ultrasonic Thickness Gauge has the ability to store 64 custom user defined setups. All factory setups can be selected, edited and saved to any setup location.
- CE Certified
- Use the visual alarm to set hi and lo limits for applications requiring specific tolerances. If the actual thickness value is above or below the limits, a red light is illuminated.
- The TI-MMX-SDL High Performance Data-Logging Ultrasonic Thickness Gauge also comes complete with our Windows® PC software for transferring data to and from a PC.
- The high speed scan feature speeds up the inspection process by making 32 measurements per second. Remove transducer from the test material, and display the minimum measurement scanned.
- Use the AUTOFIND feature to locate the detection point, while automatically adjusting the display to bring the signal into view.
- **Includes NIST Calibration Certificate**
- 2 Year Warranty

Specifications of the TI-MMX-SDL High Performance Data-Logging Ultrasonic Thickness Gauge

Range in Steel:	**Pulse-Echo Mode:** Pit and Flaw detection measures from 0.63 to 254 millimeters (0.025 - 9.999inches) **Echo-Echo Mode:** Thru Paint & coatings measures from 2.54 to 102 mm (0.100 - 4.000 inches). Range will vary depending on the thickness of the coating.
Resolution:	.001 inches (0.01mm)
Velocity Range:	.0492 to .3936 in./ms 1250 to 9999 meters/sec
Units:	English & Metric
Measurement Modes:	- Pulse-Echo (flaws, pits) - Echo-Echo (thru-paint)
Transducer Types:	Dual Element (1 to 10 MHz).

Memory:	16 megabit non-volatile ram
Memory capacity:	12,000 pages with 1 reading and waveform per page
Power Source:	Three 1.5V alkaline or 1.2V NiCad AA cells
Battery Life:	Typically operates for 150 hours on alkaline and 100 hours on NiCad
Auto Power off:	if idle 5 min
Display:	1/8 in. VGA grayscale display 62 x 45.7mm
Keyboard:	Membrane switch with twelve tactile keys
Case:	Extruded aluminum body with nickel-plated aluminum end caps (gasket sealed).
Operating Temperature:	-14° to 140°F (-10° to 60°C)
Weight, net:	383 grams
Dimensions:	63.5 W x 165 H x 31.5 D mm
Warranty:	2 year limited
Certification:	CE Approved, Factory calibration traceable to national standards

Accessories for Ultrasonic Wall Thickness Gauges:

- T-102-2700 Spare / Replacement Probe for TI-25DL-MMX
- T-104-0600 1/2" dia. 1.0 MHz composite transducers
- T-102-1000 1/4" dia. 2.25 MHz transducer
- T-101-2000 3/16" dia. 5.0 MHz transducer
- T-102-3300 Spare / Replacement Probe for TI-25M
- USB-RS232-ADAP USB to Serial Adapter
- T-104-1000 Wall Thickness Gauges Spare / Replacement Probe for TI-25M-107
- T-104-2000 Spare / Replacement Probe for TI-25M-HW
- TICC-MVX Protective Holder for TI-CMX
- T-212-2001 1/4"-5 MHz Hi Temp -900ºF / 500ºC Dual Microdot
- T-044-2000 1/2" dia. 5.0 MHz high temp (650°F) transducer