

EQUIPO MITECH MCT200 MEDIDOR DE ESPESOR DE PINTURA



Specifications

- Measuring principle: Magnetic induction & Eddy current
- Measuring range: (0~1250) μm, depends on probes. maximum 10 mm for the probe F10. Refer to Appendix.
- Low range resolution: 0.1μm
- Accuracy : $\pm(3\% \text{Thickness} + 1)$ μm, depends on probes and conditions
- Display : 4 digits LCD with EL backlight
- Memory for up to 20 files (up to 50 values for each file) of stored values.
- Unit system: Metric (μm) Imperial (mil)
- Power source: Two "AA" size, 1.5 Volt alkaline batteries. 200 hours typical operating time (EL backlight off).
- Communication : USB1.1
- Dimensions : 125mm×67mm×31 mm
- Weight : 340g

Features

- With different external probes, the gauge can be applied to measuring thickness of non-magnetic coating on magnetic metal substrate, as well as non-conductive coating on non-magnetic metal substrate.
- Five types of probes (F400, F1, F10, N1, CN02) are available for different application, F10 probe measures up to 10mm.
- Two measuring modes: single or continuous, changeable.
- Two calibration methods can be applied to the gauge; And the system error of the probe can be corrected with the basic probe calibration method.
- Measured values and user information are shown on a large, easy-to-read LCD. A display back light ensures easy reading of screen data in poorly-lit conditions.
- Measuring status indicator showing the measuring status.
- The gauges' user-friendly measuring system permits automatic storage of up to 1000 readings in one memory matrix for later statistical evaluation.
- Battery information indicates the rest capacity of the battery.
- Auto sleep and auto power off function to conserve battery life.
- USB1.1 communication port. Optional software to process the memory data on the PC.
- Compact aluminum case, suitable for use under poor working conditions

Working Conditions

- Working temperature : -10°C~ +50°C;
- Storage temperature : -30°C~ +60°C;
- Relative humidity: ≤90%;
- The surrounding environment should avoid of vibration, strong magnetic field, corrosive medium and heavy dust.