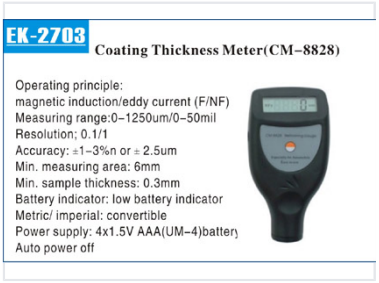
Digital Coating Thickness Meter

This digital meter utilizes magnetic induction and eddy current principles for coating thickness measurement. It features a measuring range of 0-1250um and automatic power-off.



Overview

Precision Coating Measurement

The Digital Coating Thickness Meter (CM-8828) is a versatile precision instrument designed for accurate measurement of coating thickness on both magnetic and non-magnetic substrates. Utilizing advanced magnetic induction and eddy current principles, this device ensures reliable results for various industrial applications. Its compact, user-friendly design features metric and imperial conversion, auto power-off functionality, and a clear low-battery indicator for efficient field operation.

Technical Specifications

Accuracy

3 %n	2.5 um
Max Relative Accuracy	Absolute Accuracy

Operating Principle	Magnetic Induction / Eddy Current (F/NF)
Measuring Range	0-1250um / 0-50mil
Resolution	0.1 / 1

Operational Limits

Minimum Measuring Area	6 mm
Minimum Sample Thickness	0.3 mm

Power & Utilities

Key Features

- Metric/Imperial convertible
- Low battery indicator
- Auto power-off function

Power Supply	4 x 1.5V AAA (UM-4) Batteries