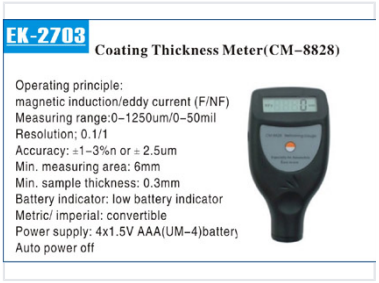
# Digital Coating Thickness Meter

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

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|---|---|
| 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 |