# CM8811FN
# Coating Thickness Gauge

## Overview:

**Coating Thickness Gauge CM8811FN** is a highly intelligent and precise instrument used to quickly and accurately measure thickness of coating or plating on almost all kinds of metal surface.
It not only indicates thickness of coating or plating but also automatically identifies the base material.
It is applicable to measure non-magnetic painting, ceramic, enamel, plastic, rubber coating on magnetic base materials such as iron and steel , non- ferrous metal plating such as nickel & chromium, anticorrosive coating, non- conductive painting, plastic coating and anodic oxide film on non-magnetic conductive devices .

## Function:

**Measuring**: Continuous and Single Measurement available
**Display**: Simultaneously display Measuring Value, Average Value, Maximum Value, Minimum Value and Standard Deviation
**Memory**: 50 data store
**Unit**: Metric/Imperial switchable (mil/um selectable)
**Backlight**: Brightness adjustable, clear and easy reading under any light condition
**Alarm**: Set higher and lower alarm range for measuring
**Calibration**: Zero-in, 2 points calibration and multi-point calibration selectable

**Battery**: Low battery indication
**Language**: English and Chinese selectable (customization for other languages available)
**Data Delete:** delete a single data or clear all the data

## Specification

**Range**: 0-1250μm /0-50mil
**Resolution**: 0.1μm/mil
**Accuracy**: ±(2%+2μm) / ±(2%+0.1mil)
**Display**: TFT 320*240 LCD
**Test Limits**: Surface curvature: convex 1.5 mm / concave 7 mm
Minimum test surface: Φ8mm
Minimum thickness of base material: 0.4mm
**Operation Condition(not in high magnetic field)**:Temperature: 0℃～40℃
Humidity: 20%RH-90RH

## Packing:

**Product Size**: 166 x 68 x 30mm
**Weight**: 180g (batteries included)
**Standard Individual Packing**: Fe / NFe 2 in one probe x1
Plastic test shims x 1set
Calibration plates (Steel and Aluminum).
Instruction manual x 1
Carrying tool case x 1

**Standard Carton Quantity**: 30PCS
**Standard Carton Size**: 48.5*58.5*26mm
**Standard Carton Gross Weight**: 15kg