

COATING THICKNESS TESTER

Handheld electronic thickness gauge



CM8811FN



Fe Type



NFe Type



Measurement Units



Memory



Flip LED Display

APPLICATION FIELDS



Automotive coating



Plating coating



Paint coating



Insulating coating



Thermal insulation coating

PRODUCT INTRODUCTION

Display screen

Enter main menu

Calibrated to zero

Probe part



View recorded data

Power button

Clear Recorded Data

PRODUCT DISPLAY



PRODUCT PARAMETER

PRODUCT FEATURES



Humanized design:

- Streamline design for more comfortable operation.
- The Size of the product is 166 mm * 68 mm * 30 mm.
- It is more convenient to use and carry.
- Large and clear TFT Screen (320*240 TFT)

Efficient Testing:

- This handheld electronic thickness gauge is 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 has a bendable sensor that can measure many narrow and inconvenient measurements.

Measuring Reading:

- 50 tested results can be saved in memory.
- Auto Power Off.
- Data can be easily analyzed and compared.
- Simultaneously displays 5 readings.



High Accurate:

- Auto recognition of the substrate material.
- Magnetic Metal or Non Magnetic Metal (Fe / NFe).
- Metric or Imperial unit switchable (mil/um switchable).
- Single / Continuous (SI/CO mode) measurement mode.
- Sensor: 95cm length Cable Sensor.

INTENDED USE

Practical Application:

The handheld digital thickness gauges can measure the coating and clad layer on metal in an accurate and fast way.

Fe type is used for measurement of non-magnetic coatings on ferromagnetic substrates. e.g., paint, porcelain, enamel, plastic, rubber, or electroplated coating of nonferrous metal like nickel-chromium, anticorrosive coating



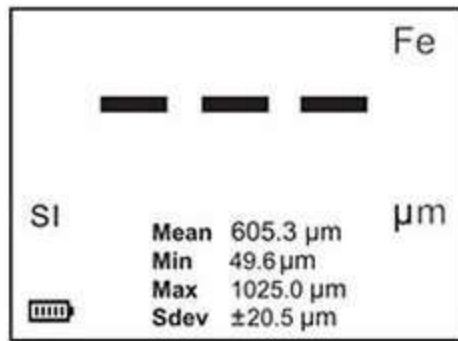
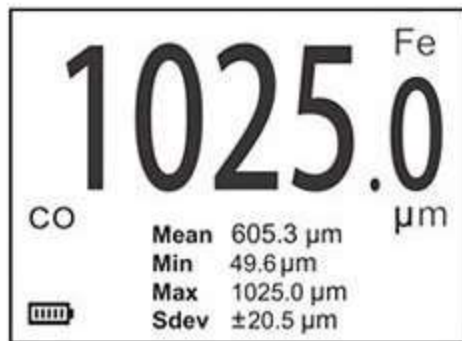
Note : Non-Metals can't be detected.(For example: ABS, plexiglass)

NFe type is used for measurement of electrically non-conductive coatings on non-ferrous metals, e.g., paint, plastic coating and anodic oxide film on aircraft, car, home appliances, aluminum alloy door and window, or other aluminum product.



Note: remove gage from the surface for at least 2 seconds to take another measurement, don't drag gage against the surface.

Product Parameters



Measure Range: The instrument is used to measure thickness of coating or plating from 0μm to 1250μm. In case of thickness beyond this range, “---“will appear on the screen .

Alarm Function:	Yes
Measuring Range:	0-1250μm/ 0-50mil
Resolution:	0.1μm / 0.1mil
Accuracy:	±(2%+2μm)/ ±(2%+0.1mil)
Product Weight:	180g/ 0.4 lb(with batteries)
Operation Temperature:	-10 to +50°C (+12 to +122°F)

