



**MT2100F**

Take F1 probe as standard configuration ( it can test surface coating of the magnetic material

**Advantages**

1. Have quicker measuring range.
2. High accuracy: it can be arrived about 1~2% after simple 0 cablibration. It is the only one who can arrive to A level on the market at present.
3. Stability of the measuring value and operation is very good.
4. All function, data, operation and display are English

**MT2100F coating thickness gauge** is a portable meausre instrument. It can test the coating and plating thickness very quickly, critically without any destruction. This instrument has adpoted the magnetic method, It can measure the thickness of non-magnetic coatings ( e.g. zinc, aluminum, Cr. Copper, rubber, paint and etc.) on magnetic metallic base ( such as steel, iron, alloy and hard magnetic steel etc.) It can be used widely in plating, nticorrosive, aerospace, chemical industry, car,ship building and other meausring field. It is the essential instrument for the material protecting filed. It can be used not only in the Lab but also project site.

**Specification:**

Working Temperature: 0~40°C

Power: NI-MH Battery 9V

Outline Size: 150×80×30mm

Weight: 300g

Measuring Range: 0~1250µm

Measuring Error -----± (1%H+1) um:

**Main Function:**

Two Calibration Method: One point calibration; Two points calibration

Resolution: 0.1µm (Measuring range less than 100µm)  
 1µm (Measuring range more than 100µm)

Memory: five APPL. It can store a total of max 500 readings

Two Working Mode: Direct and APPL

Two Measuring Mode: Single Measuring and Continual Measuring

Two Power off Mode: Manual and Auto power off

Limitation Setting: it will automatically alarm for the value beyond the limitation and it can [analyze](#) the batch measured values with histogra

Delete Function: can delete the large error and mistake settings

Music Box Function: it will instruct for the operation with music box

Battery rest capacity instuct function

**Standard configuration:**

Main unit	1	F1 probe	1
Calibration foil	5	Substrate	1
9V battery	1	Manual Instruction	1

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