

# Coating Thickness Gauge

## Instruction Manual



### IV. Operation Instruction

1. Measurement preparation;  
Open battery cover and load two CR2032 button batteries; Pay attention to positive and negative pole.
2. Turn on/off  
Leave the instrument hang in the air and press "ON/CLR" button to turn it on, LCD full screen display, which means it enters the measurement state. Then long press "ON/CLR" button to turn it off.  
Note: Keep it away from the substrate when starting up.
3. Measurement;  
Press the probe onto the coated metal substrate lightly, ensure that the instrument should be perpendicular to the surface of the object that being measured.  
Note: When the probe was pressed on the substrate, the LCD will display " --- ", then you must wait until the measurement value displayed the LCD, then remove it from the substrate. If removing before a value is displayed, it will display the last measured value.
4. Unit selection;  
After start-up, short press "UNIT" button to select measurement unit mm or mil.

### I. Introduction

This product is a portable coating thickness gauge, which can measure the thickness of non-metallic coating (such as paint, film, etc.) on metal substrate quickly, nondestructively, and accurately. It is mainly used to measure the thickness of the vehicle's surface paint and other coating measurement.

### II. Technical Parameters

Measurement range	0~1.80mm/0~71.0mil
Resolution	0.05mm/2mil
Measurement error	±0.1mm
Minimum diameter of substrate	φ 50 mm
Minimum thickness of substrate	0.5mm
Work temperature range	18~30°C
Work humidity range	10~80%RH
Batteries	CR2032*2
Outline Dimension	38.0*87.0*22.0mm
Weight	63.98g (without batteries)

### III. Button Functions

1. Button (ON/CLR): turn on/off, clear.
2. Button (UNIT) unit switch, backlight;
5. LCD backlight;  
After start-up, long press "UNIT" button to turn on/off the backlight.
6. Clear screen data;  
After start-up, press "ON/CLR" button to clear the data displayed on LCD screen.
7. Power off automatically;  
The instrument will power off automatically if two minutes no operation after start-up. And it will power off automatically as well after five minutes start-up, even when you are operating it.

#### Special Statement:

The company is not legally responsible for any derivative results of the use of this product. The company reserves the right to change product design and contents of instruction manual, and is subject to change without notice.