

# Yunombo

Model: YNB-100

## Coating Thickness Gauge Instruction Manual



Instruction version number: YNB-100-03

### I. Introduction

This product is a portable coating thickness gauge, which can measure the thickness of non-magnetic coatings (such as paint, film, etc.) on metal substrate quickly, non-destructively, 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	0-1.80mmD-71.0mil
Resolution	0.05mm/2mil
Measurement error	±0.1mm
Minimum diameter of substrate	φ50 mm
Minimum thickness of substrate	0.2mm
Work temperature range	10-30°C
Work humidity range	10-80%RH
Battery	CR2032*2
Outline Dimension	38.5*65.2*22mm
Weight	63.9kg (without battery)

### III. Button Functions

1. Button : turn on/off, clear.
2. Button : unit switch, backlight.

### IV. Operation Instruction

1. Measurement preparation  
Open battery cover and load two CR2032 button batteries. Pay attention to positive and negative poles.
2. Turn on/off  
Leave the instrument lying on the air and press button to turn it on, LCD full screen display, which means it enters the measurement state. Then long press 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 button to select measurement unit into or out.
5. LCD backlight  
After start-up, long press button to turn on/off the backlight.
6. Clear screen data  
After start-up, press button to clear the data displayed on LCD screen.
7. Power off automatically  
The instrument will power off automatically if two

minutes to operate 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 content of instruction manual, and is subject to change without notice.

Product Name: Coating Thickness Gauge

Model: YNB-100

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WARNING:

Please do not use or wear the product near the electronic equipment, because strong magnetic field of various adjoining electrical equipment will seriously interfere with magnetic field based thickness measurement.

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