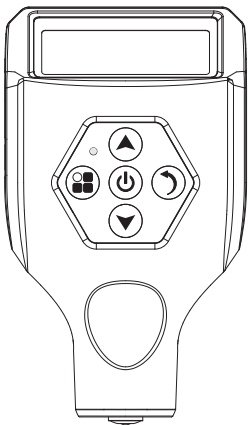




Model: GT260PRO

Coating Thickness Gauge Instruction Manual



Note: The plastic sheet is a calibration sheet, an important accessory, please do not discard it.

Version: GT260PRO-EN-00

-1-

I. Introduction

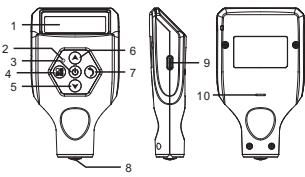
This product is a portable coating thickness gauge, which can quickly, non-destructively and accurately measure the thickness of non-magnetic coatings on magnetic metal substrates and non-metallic coatings on non-magnetic metal substrates. It can also automatically identify magnetic metal substrates and non-magnetic metal substrates, and is widely used in testing fields such as manufacturing, metal processing, chemical industry, and commodity inspection.

II. Functions

- Measurement of non-magnetic coating thickness on the surface of magnetic metal substrates and non-metallic coating thickness on non-magnetic metal substrates.
- Automatically identify whether the magnetic metal substrate is covered with a non-magnetic metal coating (usually zinc).
- Automatically identify whether the magnetic metal substrate is covered with an iron powder putty layer.
- With standard mode and car mode
- With zero calibration, two-point calibration, and factory calibration.
- Voice broadcast function, mute supported.
- High/low value alarm
- Data storage
- Automatic shutdown
- Backlight display
- Maximum, minimum, and average values can be selected in standard mode
- Bluetooth and mobile phone APP communication
- Screen flip

III. Component Introduction

- LCD display
- Indicator light: flashes when powered on or communicating
- Power button
- Menu/OK button
- Down selection/value decrease button
- Up selection/value increase button
- Return button
- Probe
- USB charging interface
- Buzzer



-2-

IV. Attention

- Do not press the probe with your fingers to avoid damaging internal parts.
- If it cannot be turned on, the battery may be too low. Please charge it before use. (Power adapter specification: DC 5V/1A).
- Do not use or charge this product in flammable or explosive environments.
- Strong impact, high temperature and water immersion should be avoided.
- Charge regularly when not in use for a long time.
- Do not disassemble this machine or attempt to modify the interior.
- Alcohol, diluents, etc. are corrosive to the machine body and probe. When cleaning the machine case, just wipe it gently with a small amount of water.



V. Technical Parameters

Measurement range	0~3000μm/0~118mil
Resolution	<100μm: 0.1μm; ≥100μm: 1μm; >100mil: 1mil
Measurement error	≤150μm: ±5μm 150μm<x<1500μm: ±(3%H+1μm) >1500μm: ±(5%H+1μm)
Minimum diameter of magnetic metal substrate	12mm
Minimum thickness of magnetic metal substrate	0.5mm
Minimum radius of curvature for magnetic convex substrate	2mm
Minimum radius of curvature for magnetic concave substrate	11mm
Minimum diameter of non-magnetic metal substrate	50mm
Minimum thickness of non-magnetic metal substrate	0.5mm
Data storage	Standard mode: 60 records Car mode: 999 vehicles
Battery	600mAh 3.7V Lithium Battery
Product size	107*62*26mm
Product weight	83.5g

* x in resolution and measurement error represents the measured value.

-3-

VI. Operation Instructions

1. Power On/Off

- Power on: In the shutdown state, long press the button to turn on, or directly press the probe on the measured surface (with "measure to power on" enabled).
- Power off: In the power-on state, long press the button to turn off.
- Automatic shutdown: Menu - Setting - Auto OFF. Displaying "√" indicates that the automatic shutdown is enabled, it will automatically shut down after about 5 minutes of inactivity.

2. Measurement

After power on, enter the measurement interface, and press the probe on the measured surface to measure.
Note: When iron powder putty is identified, the measurement data is for reference only.

3. Screen Flip

On measurement interface, long press the button to flip display.

4. Menu Operation

After power on, short press the button, press the button to select the menu item, short press the button to enter the next setting or confirm, and short press the button to return to the previous step.

Standard Mode

(1) Measurement Interface

- Statistical area:** Press the button to switch: count (maximum 60 records), maximum value, minimum value, average value; the maximum, minimum and average values are the statistical results of all data in the data table.
- Alarm value:** Need to turn on the alarm prompt, in order: Super High - Data High - Data Low - Super Low.
- Substrate:** Automatically identified, can measure iron base, aluminum base, iron-zinc and iron powder putty.
- Battery level**
- Measured value**
- Measurement unit**



-4-

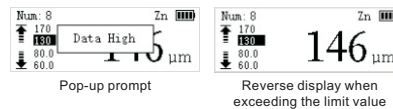
(2) Menu

- Mode:** Normal Mode, Car Mode.
- Memory**(Data Storage)

- View data: A maximum of 60 data can be stored, and more than 60 will overwrite the first data.
- Clear data: Clear all data in the data table. On the measurement interface, short press the button to clear the latest data.

c. Alarm

- Alarm switch: Short press the button to turn on/off. When turned on, the set alarm value is displayed on the left side of the measurement interface; when the measured value exceeds the alarm value, there is a pop-up prompt, and the corresponding limit value is reversed to prompt.
- Super Low, Data Low, Data High, Super High:
Setting range: 0~3000μm, Super Low < Data Low < Data High < Super High.



d. Calibration

1) Zero Cal(Zero calibration):

Enter the zero calibration interface, lightly press the probe on the uncoated substrate, lift the probe after the interface indicates to lift, and short press the button to complete the zero calibration.

2) Two Point cal(Two-point calibration):

Two-point calibration refers to zero point and any high point. Enter the two-point calibration interface. According to the prompt, first lightly press the probe on the uncoated substrate, lift the probe after the interface indicates to lift, place a thicker standard sheet (for example: 1000 microns) on the substrate, and lightly press the probe on the standard sheet. According to the instruction, lift the probe. The screen displays the measurement data of the standard sheet (for example, the measurement result is 1010 microns). Short press the button to adjust the data to be consistent with the standard sheet (adjust to 1000 microns). Short press the button, and after the pop-up window, short press the button again to complete the two-point calibration.

-5-

3) Reset Factory Cal(Factory calibration):

Select factory calibration to restore the calibration data at the factory.

e. Setting

- Language:** Chinese, English

- Unit:** μm, mil

- Measure Turn on:** Short press the button to turn on/off. When turned on, you can press the probe to power on. After entering the power-on interface, you need to lift the probe and keep it away from metal before entering the measurement interface.

- Auto OFF:** Short press the button to turn on/off. When turned on, it will automatically shut down after about 5 minutes of no key operation.

- Backlight:** 30 seconds (automatically turns off after about 30 seconds of inactivity), Light Up(always on).

- Voice Prompt:** Short press the button to turn on/off. When turned on, the measurement data will be broadcast during measurement.

- Silent Mode:** Short press the button to turn on/off. When enabled, the device remains silent during measurement.
- Reset**(Restore factory settings): Only restore the options in "Menu - Setting", and will not clear measurement data or other contents.

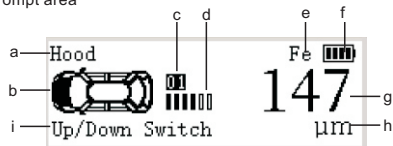
- About:** Software version number.

Note: The "calibration" and "setting" operations in standard mode and car mode are the same.

Car Mode

(1) Measurement Interface

- Name of the measured part
- Indication of the measured part (flashing)
- Number of the measured part (see attachment)
- Count of measured parts (maximum 6 numbers)
- Substrate
- Battery level
- Measured value
- Measurement unit
- Prompt area



-6-

(2) Menu

- Mode selection:** Normal Mode, Car Mode.
- Memory**(Data Storage)

- Car:** This machine can store data for 999 vehicles. Press the button to select the number, press the button to enter the vehicle information menu, and press the button on the "Select To Measure" to set the status to "Current Car".

Status:

Current Car: The current measurement data is stored in this number.

No Data: The vehicle with the current number has not been measured.

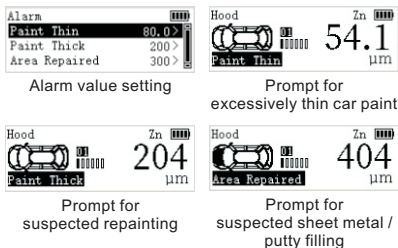
Have Data: The vehicle with the current number has been measured.

- View Data:** Each part can store a maximum of 6 data. If there are more than 6 data, the 6th measurement data will be overwritten; enter the vehicle information menu to view the measurement data of each part.

- Clear Data:** Enter the vehicle information menu to clear the measurement data of the selected part; or on the measurement interface, short press the button to clear the latest data.

c. Alarm

- The alarm prompt is always on.
- Can set: Paint Thin / Paint Thick / Area Repaired. Setting range: 0~3000μm, Paint Thin < Paint Thick < Area Repaired. When the value is exceeded, there is a prompt in the prompt area.



-7-

VII. Bluetooth Mobile Phone APP

1. Download APP

Method 1: Scan the QR code to download "Smart Life"



Global



Mainland China

Method 2: Search for "Smart Life" in the mobile app market and download it.

2. Connection and Use

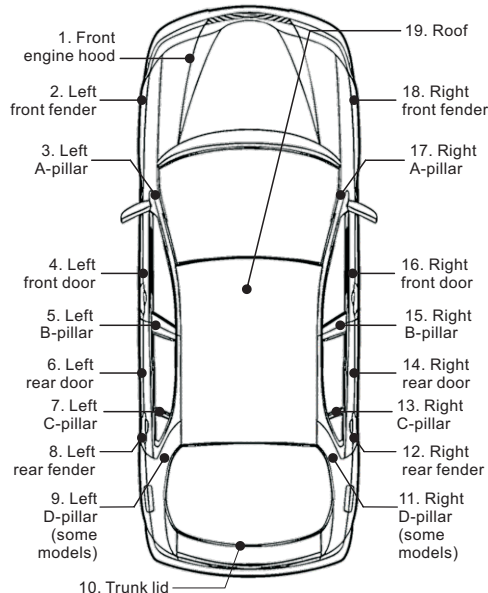
- Turn on the mobile phone's Bluetooth and power on the product (the Bluetooth icon is displayed on the screen)
- Open the "Smart Life" APP, click the + sign in the upper right corner - Add device, wait for the APP to search for nearby available devices. After the search is completed, click to connect to the "coating thickness gauge" and wait for the connection to complete.
- After successful connection, data will be synchronized automatically.
- If the connection fails, check whether the product is powered on and the mobile phone's Bluetooth function is turned on, and add the device again. If the connection fails multiple times, it needs to be returned to the factory for repair.
- For detailed operation instructions, you can scan the QR code to obtain the "Smart Life APP Operation Manual".



Smart Life APP Operation Manual

-8-

Attachment: Vehicle Parts (SUV / MPV Models)

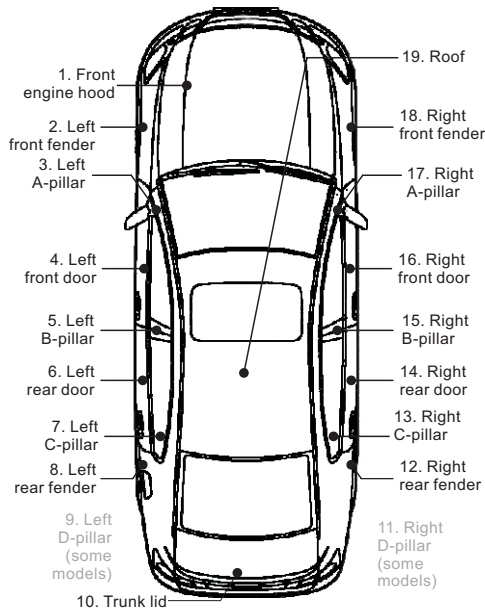


Notes:

- The B-pillars and C-pillars (No. 5/7/13/15) are blocked by the doors and need to be inspected after opening the doors.
- The D-pillars (No. 9/11) are only available in some models. During inspection, refer to the actual vehicle, and they can be skipped if not present.

-9-

Attachment: Vehicle Parts (Sedan Models)



-10-