



## Coating Thickness Gauge

### GC-8102

#### Overview:

Coating Thickness Gauge GC8102 was developed for a broad spectrum of use in the automobile and painting industries. This compact gauge allows for extremely accurate measurements of paint and corrosion protection thicknesses, both on steel and iron as well as on non-ferrous metals such as aluminum, zinc or copper. High measuring accuracy over the entire measuring range. One-hand operation, use directly. Easy, safe and fast measurements.

#### Function:

Measure mode : CarHandy ,CarPro ,2 mode selectable.  
 Memory: 999 cars data can stock .  
 Unit: Metric/Imperial switchable (mil/um selectable)  
 Backlight: Brightness adjustable, clear and easy reading under any light Condition  
 Alarm : Set higher and lower alarm range for measuring  
 Calibration : Zero-Calibration, 1 points calibration and 5-point calibration  
 Detect : Metal Putty detect ,Zn detect  
 Battery: Low battery indication and auto shut off  
 Data transfer: USB/Bluetooth.  
 APP: Android App , iOS App  
 Language : English (other language can customized )  
 Data Delete: Delete a single data or clear all the data  
 Probe select :Automatically detects ferrous and non-ferrous substrates

#### Specification

Range: 0-3000 $\mu$ m/0-120 mil  
 Resolution: 0.1 $\mu$ m(0-99.9 $\mu$ m) ; 1 $\mu$ m (100-3000 $\mu$ m)  
 Accuracy:  $\pm(1+2\%H \mu$ m),H:coating thickness  
 Display: Easy to read LCD screen  
 Test Limits: Surface curvature: convex 5 mm / concave 5 mm  
 Minimum test surface:  $\Phi$ 10mm  
 Minimum thickness of base material: 0.4mm  
 Operation Condition(not in high magnetic field):  
 Temperature:-20 $^{\circ}$ c-50 $^{\circ}$ c Humidity: 10%RH-85RH



#### Packing:

Product Size: 106 x 62 x 25mm  
 Weight: 55g(batteries NOT included)  
 Standard Individual Packing:Fe/NFe 2 in one probe x1  
 Plastic test shims x 1set(50,100,250,500,500um)  
 Calibration plates (Steel and Aluminum).  
 Instruction manual x 1  
 Carrying tool case x 1  
 Standard Carton Quantity: 1PCS  
 Standard Carton Size: 27x20x7cm  
 Standard Carton Gross Weight: 1kg

