



HW-300PRO Pocket Coating Thickness Gauge

Product Description

**HW-300Pro Coating Thickness Gauge Micron/0-2000UM
Digital Car Paint Film Thickness Tester Backlight LCD
Display**

Probe: F probe, N probe

Measurement range: 0-2000um

Accuracy: $\pm(3\% + 1\mu\text{m})$

**Resolution: 0 μm -99.9 μm (0.1 μm) 100 μm -999 μm (1 μm)
>1000 μm (0.01mm)**

calibration: support

Statistics: average, minimum, maximum, number

Unit: μm , mm, mils

Minimum radian: 5mm

Minimum concave radian: 25mm

Minimum measured area: diameter 20mm

Minimum thickness: 0.2mm 0.05mm

Maximum measurement speed: 2 readings per

supply: 2 x .5V AAA batteries (not included).

**Operating environment: temperature 0-50 °C, 20-90% rh
(no condensation)**

**Storage environment: Temperature: -10-60 °C, 20-90% rh
(no condensation)**

Size/weight/material: mm x 53mm x 24mm/80g/ABS

This product is mainly used to measure the thickness of the non-conductive coating on the surface, as well as the thickness of the non-ferromagnetic coating on ferromagnetic (such as iron, cobalt, etc.), such as the thickness of the paint on the car surface, coating thickness of parts, etc. This product also has a built-in magnetic induction probe and double principle, it can

automatically identify the measured , it needs to be placed on the measured surface,. It can automatically calculate the thickness of the coating.

. The thickness gauge is used to measure the thickness of plated and sheet , for example, paint/enamel/chrome on steel, paint and anodized coating on aluminum/copper.

2. The measurement range is 0-2000um.

3. The meter takes precision built-in probe and uses electromagnetic induction and current effect, which automatically detects the attribute of substrates.

4. The gauge is to non-destructively measure the thickness of coating and paint.

5. It is for material surface and widely