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Iron and aluminum dual-purpose

Coating Thickness Gauge

Special for used car inspection

NT-2S



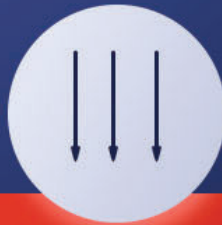
9 major advantages

Comprehensive upgrade of measurement

This instrument is equipped with a highly sensitive probe, a 240X240 high-resolution IPS color display, and standardized menu operations.



Sensitive probe



Three measurements



Non-destructive
testing



HD color screen



Lithium battery
direct charging



Automatic
calibration



Rotate screen



Data storage



Automatic
shut-down

Various measurable objects

Wide range of applications

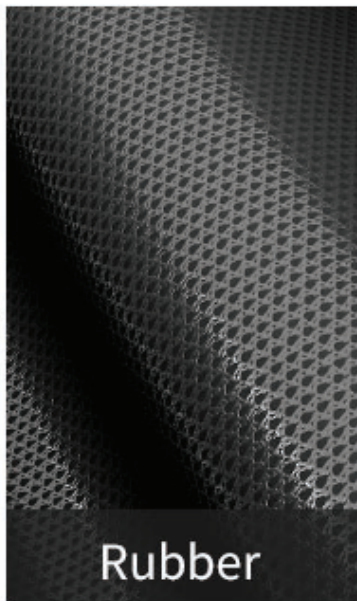
This machine can measure coating thickness quickly and accurately without damage, and is widely used in the automotive industry, manufacturing, metal processing, chemical industry, commodity inspection and other inspection fields.

non-magnetic cover

Magnetic substrate

non-conductive covering

**Non-magnetic
metal substrate**



750mAh

Lithium battery direct charging

Say goodbye to frequent battery replacement, charge and use anytime.

Large-capacity lithium battery protects long-term measurements.



Quick boot IPS color display

High-definition color display makes viewing data more intuitive

240X240

HD resolution

2s

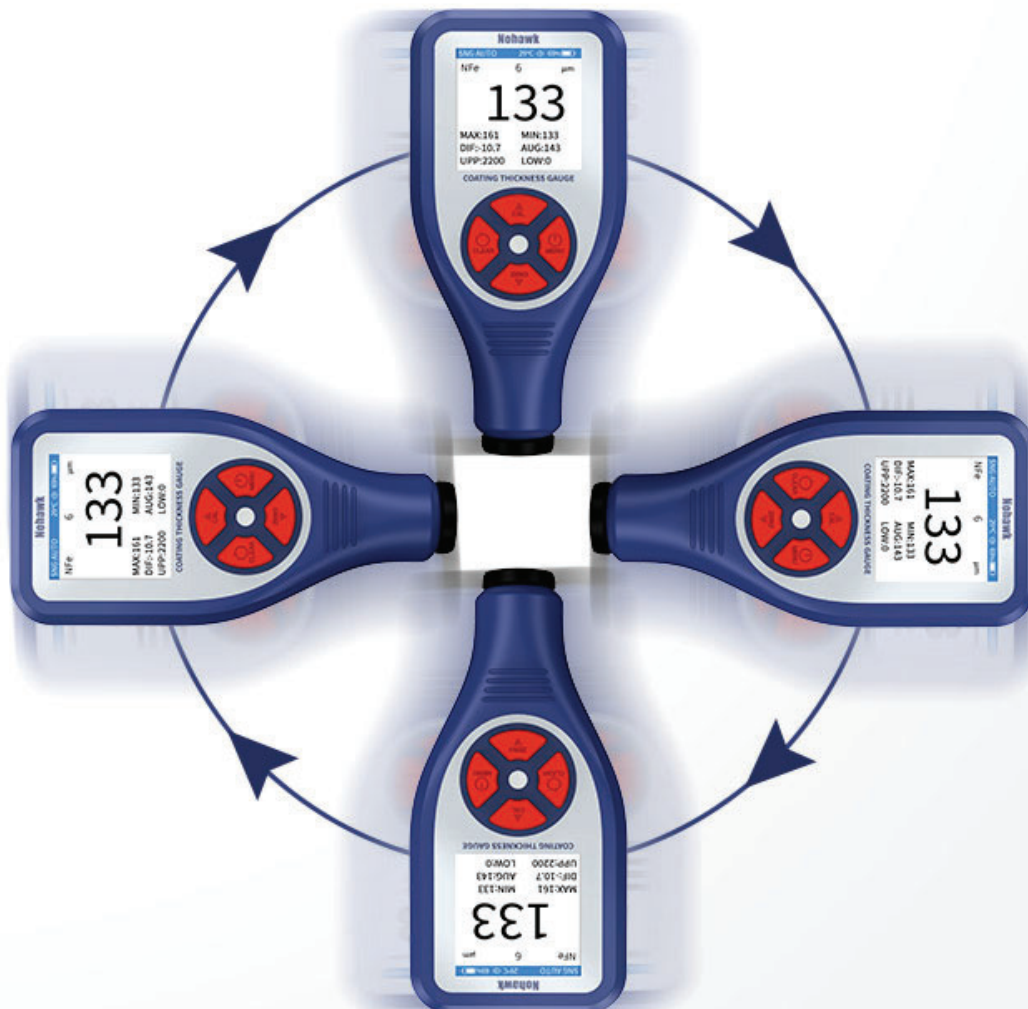
boot time



Various color screen themes

Automatic rotation in 4 directions

Display options to set screen brightness, auto-select and auto-rotate among 5 theme colors. The option can automatically rotate the screen according to the rotation direction of the thickness gauge when measuring thickness to facilitate viewing of data.



Measurement principle	Electromagnetic induction/eddy current effect
Test range	0-2000μm
error	± (2.5%+2μm)
Display accuracy	0.1μm(0-99.9μm)/1μm(≥100μm)
unit	μm , mm, mils
Minimum convex curvature radius	5mm
Minimum radius of curvature of concave surface	25mm
Minimum measuring area diameter	20mm
Minimum substrate thickness	0.2mm/0.05mm
calibration	Infinite point calibration, zero point calibration, multi-point calibration
Battery	3.7V/750mAh polymer lithium battery
Charging voltage and current	5V/500mA
USB interface	Type-C
save environment	Temperature:-10~60°C(-14~140°F)
size	100mmX49mmx15mm
Materials and weight	ABS plastic, silicone, plexiglass; weight about 58g
operating environment	Temperature:0~50°C(32~122°F) Humidity: 20%~90%rh; no strong magnetic field; no strong electromagnetic interference