

NT-1S COATING THICKNESS



Description:

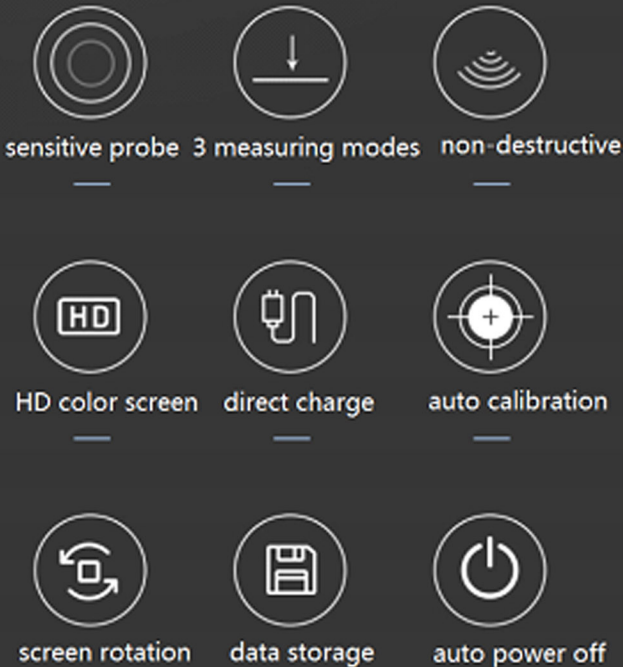
NT-1S coating thickness gauge is a simple, durable and accurate thickness gauge that adopts magnetic induction (steel, iron etc.) or eddy current method (zinc, aluminium etc.) to take non-destructive measurements of coating and dry film thickness on various substrates.

Applications:

Ideal for painting and powder-coated surface testing, automotive paint inspection, coated material testing and manufacturing quality control, this coating thickness gauge can be widely used in many fields such as automobile, manufacturing, metal processing, chemical, quality inspection and so on.



Features:



- * Two measurement method, magnetic induction for magnetic substrates such as iron and steel; eddy current method for substrates such as brass, aluminium, zinc etc. ;
- * Highly sensitive probe, automatically identify the substrates
- * Three measurement modes, single measurement, continuous measurement, fast continuous measurement;
- * IPS High-definition large color screen with clear and easy reading, more settings of brightness, color, screen rotation;
- * Built-in lithium battery, USB direct charging, eco-friendly and durable;
- * Multiple calibration modes (automatic probe calibration, manual zero calibration, manual multiple points calibration), better decreasing the measurement errors and secure the accurate measurement;
- * 2S fast switch on, 50 data can be stored; high and low alarm value can be set;

FEATURES



LINE : @ITOKIN2000
 TEL : 02-9744354-6
 EMAIL : SALESITOKIN@GMAIL.COM

PAGE1

NT-1S COATING THICKNESS



Description:

NT-1S coating thickness gauge is a simple, durable and accurate thickness gauge that adopts magnetic induction (steel, iron etc.) or eddy current method (zinc, aluminium etc.) to take non-destructive measurements of coating and dry film thickness on various substrates.

Applications:

Ideal for painting and powder-coated surface testing, automotive paint inspection, coated material testing and manufacturing quality control, this coating thickness gauge can be widely used in many fields such as automobile, manufacturing, metal processing, chemical, quality inspection and so on.



SPECIFICATION

Item	Value
Principle	Magnetic induction/eddy current
Measurement range	0-2000um
Error	± (2.5%+2um)
Display accuracy	0.1um(0-99.9um); 1um(≥100um)
Unit	um, mm, mils
Min.convex radius of curvature	5mm
Min.concave radius of curvature	25mm
Min. measurement area diameter	20mm
Min. substrate thickness	0.2mm/0.05mm
Calibration	Infinite points calibration, zero calibration, multiple points calibration
Battery	3.7V/750mAh lithium battery
Charging voltage/current	5V/500mA
USB port	Micro B
Working climate	Temperature:0-50°C (32-122°F) ; humidity:20%-90%RH; no strong magnetic field; no strong electromagnetic interference
Storage condition	Temperature:-10-60°C (-14-140°F)
Dimension	110*50*21mm (4.33*1.96*0.83inch)
Material & weight	ABS plastic, silica gel, Plexiglass, weight:70g(3.24oz)
Standard configuration	Main instrument 1set, substrates 2pcs (Fe, nFe 1 pc each), calibration sheet (100um) 3pcs; cable 1pc, user manual 1pc, certificate 1pc, soft bag 1pc, packing box 1pc



LINE : @ITOKIN2000
 TEL : 02-9744354-6
 EMAIL : SALESITOKIN@GMAIL.COM