

Coating Thickness Gauge DCT-100 Series



F&N



F or N

Features

- One hand held instrument
- Easy operation with 5 keys
- Two measuring methods: Magnetic induction (F) and Eddy current (N)
- Automatic recognition of substrate
- Upper-lower limit setting and sound alarm
- Memory of 500 data



Standard Delivery

- Main Unit
- Base
- Test block
- Operating manual
- Easy package
- Calibration Certificate

Technical Specification

Specification	DCT-100F	DCT-100N
Measurement range	0 μ m~1250 μ m	0 μ m~1250 μ m
Probe model	F1	N1
Principle	Magnetic induction	Eddy current
Resolution	1 μ m	1 μ m
Accuracy		
One point calibration	$\pm(2\%H+1)$	$\pm(2\%H+1.5)$
Two points calibration	$\pm(1\%H+1)$	$\pm(1\%H+1.5)$
Min. radius of curvature (convex)	1.5mm	3mm
Min. measuring area	$\Phi 7$	$\Phi 5$
Min. thickness of base	0.5mm	0.3mm
Dimensions	120mm (L) X 80mm (W) X 30mm (H)	
Weight	0.2Kg (including batteries)	

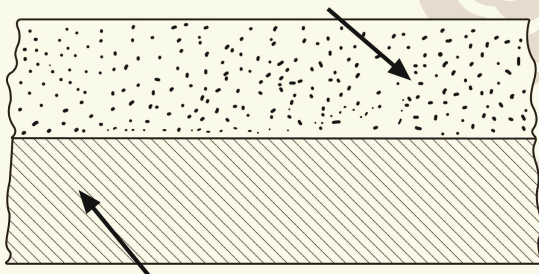
Two measuring ways

Magnetic Introduction (F)

Coating: Non-magnetic material

Substrate (base): Magnetic material

Any non-magnetic materials such as gold, copper, zinc, lead, resin, rubber, glass and so on



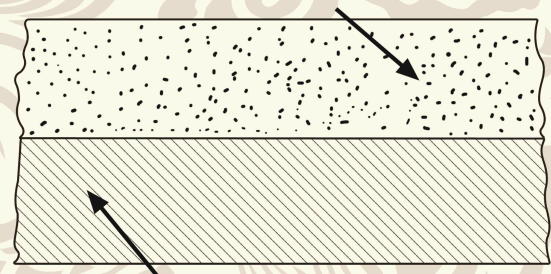
Any magnetic materials such as iron, steel, cobalt and nickel.

Eddy Current (N)

Coating: Non-conductors

Substrate (base): Non-magnetic metals

Any non-conductors such as painting, synthetic, resin, rubber, glass and so on



Any non-magnetic metals such as brass, copper, aluminium and so on.

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