

● Magnetic induction
● Eddy current

Two measuring mode

F, N
or
F/N

Three probe options

500
DATA

Large memory

Features:

- Two measuring methods: magnetic induction (F) and eddy current (N)
- Automatic recognition of substrate
- Automatic selection of measuring methods
- 5 statistical ways: Mean values / Max. values / Min. values / testing numbers. (No.) / standard deviations (S.DeV)
- Upper-lower limit setting and sound alarm
- 500 data storage

Coating Thickness Gauge DCT-100 Series



DCT-100 F or N



DCT-100 F and N

Coating Thickness Gauge DCT-200



- Magnetic induction
- Eddy current

Two measuring mode

FL, FI/90°,
FI0, F400,
NI...

Seven probes option



Powerful software

Features:

- Two measuring methods: Magnetic induction (F) and Eddy current (N)
- 7 kinds of probes are available
- 2 measurement modes: single and continuous
- High speed capture and very low noise
- High contrast LCD
- Powerful PC software

Accessories for Coating Thickness Gauge

Probe model		F400	F1	F1/90°	F10	N400	N1	N3
Operating principle		Magnetic induction				Eddy current		
Measuring range (μm)		0-400	0-1250		0-10000	0-400	0 to 1250	0~3000
Low range resolution (μm)		1			10	1		
Accuracy	One-point calibration (μm)	± (2%H+0.7)	± (2%H+1)		± (2%H+10)	± (2%H+0.7)	± (2%H+1.5)	± (2%H+3)
	Two-point calibration (μm)	± 1H%+0.7	± 1H%+1		± 1%H+10	± (1%H+0.7)	± (1%H+1.5)	± (2%H+3)
Measuring conditions	Minimum radius of curvature (convex)	1	1.5	Flat	10	1	3	5
	Minimum measuring area(mm)	φ 3	φ 7		φ 40	φ 4	φ 5	φ 7
	Minimum thickness of base material(mm)	0.2	0.5	0.5	2	0.3		1