

Coating Thickness Gauge DCT-100 Series



DCT-100F&N



DCT-100F or DCT-100N

Main features:

Simple

- Fast measurement - ideal for quickly and accurately measuring surface profile over large, flat surface areas
- Enhanced one-handed menu navigation

Durable

- Solvent, acid, oil, water and dust resistant – weatherproof
- Rugged, outdoor/indoor instrument - ideal for field or shop use
- Two (2) year warranty on body and probe

Accurate

- Long form Certificate of Calibration showing traceability
- Conforms to international standards ISO and ASTM standards



Dragon Electronics Co.

Technical specification:

Probe model	F1	N1	
Operating principle	Magnetic induction	Eddy current	
Measuring range(μm)	0-1250	0-1250	
Resolution	1	1	
Accuracy	One point calibration	$\pm(2\%H+1)$	$\pm(2\%H+1.5)$
	Two point calibration	$\pm(1\%H+1)$	$\pm(1\%H+1.5)$
Min. radius of curvature (convex)	1.5mm	3mm	
Min. measuring area(mm)	$\Phi 7$	$\Phi 5$	
Min. thickness of base material (mm)	0.5	0.3	