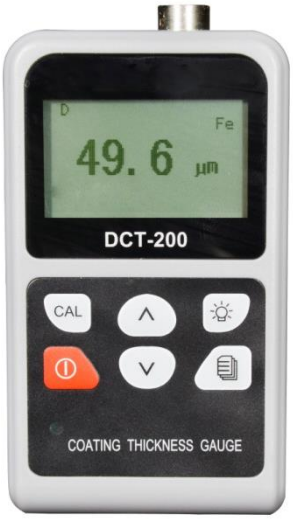
德光科技

Dragon Electronics Co.

Coating Thickness Gauge DCT-200



Main features:

Simple

- Fast measurement - ideal for quickly and accurately measuring surface profile over large, flat surface areas
- Enhanced one-handed menu navigation
- Option with multi-probes
- Large memory of 500 data in 5 files and on line data transfer

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

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Technical specification:

Probe model		F400	F1	F1/90°	F10
Operating principle		Magnetic induction			
Measuring range(μm)		0-400	0-1250		0-10000
Resolution		1			10
Accuracy	One point calibration	±(2%H+0.7)	±(2%H+1)		±(2%H+10)
	Two point calibration	±(1%H+0.7)	±(1%H+1)		±(1%H+10)
Min. radius of curvature (convex)		1mm	1.5mm	Flat	10mm
Min. measuring area(mm)		Φ3	Φ7		Φ40
Min. thickness of base material (mm)		0.2	0.5		2

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Probe model		N400	N1	N3
Operating principle		Eddy current		
Measuring range(μm)		0-400	0-1250	0-3000
Resolution		1		
Accuracy	One point calibration	±(2%H+0.7)	±(2%H+1.5)	±(2%H+3)
	Two point calibration	±(1%H+0.7)	±(1%H+1.5)	±(1%H+3)
Min. radius of curvature (convex)		1mm	3mm	5mm
Min. measuring area(mm)		Φ4	Φ5	Φ7
Min. thickness of base material (mm)		0.3		1