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PG-856

Precision-DFT

2.4 inch Color Screen Coating Thickness Gauge

THE COATING THICKNESS GAUGE CAN NON-DESTRUCTIVE MEASURE THE THICKNESS OF NON-CONDUCTIVE COATINGS ON METAL SURFACES AND NON-FERROMAGNETIC METAL COATINGS ON FERROMAGNETIC METALS (E.G. IRON, NICKEL, COBALT, ETC.) INCLUDING MEASURING THE THICKNESS OF IRON, STAINLESS STEEL SURFACE PAINT OR GALVANIZED LAYER, MEASURING THE THICKNESS OF ALUMINUM, COPPER SURFACE PAINT OR PLASTIC FILM.

- *Car or general mode*
- *High resolution 0.1μm*
- *Display a curve, bar chart or trend chart*
- *Support zero calibration and multi-point calibration*
- *Low battery protection*
- *Double principles in one, ruby probe*
- *Auto shut down*
- *Maximum measuring rate : 2 readings/s*
- *High accuracy $\pm(2\%+1\mu m)$*

IP40 PROTECTION CLASS



Each set includes:

Device with separated probe, CD, manual, USB cable, ferrous and non-ferrous metal, and 5 foils.

Model	Precision DFT PG-856
Probe Type	Separated probe
Measuring Principal	Fe: Magnetic induction ; NFe: Eddy currents
Measuring Range / Accuracy	0~2000μm / ±(2%+1μm)
Resolution	0.1μm(0~100μm) ; 1μm(>100μm)
Unit	μm, mm, mils, inch
Calibration	Zero calibration and multi - point calibration
Statistic	Number of readings, Max, Min, Mean, sample standard deviation, coefficient of variation, number below limit, number above limit
Readings Memory	10X13X10 measurement data
Probe Trigger Mode	Mechanical trigger, trigger force: 0.4~0.8N
Minimum Curvature Radius	Convex 5mm ; Concave 25mm
Minimum Measuring Area	Diameter 15mm
Minimum Thickness of Substrate	Fe: 0.20mm ; NFe: 0.03mm
Operation Environment	Temperature: -10~50°C; Humidity: 20~90%RH (Non-condensing)
Storage Environment	Temperature: -20~60°C ; Humidity: 20~90%RH (Non-condensing)
Power supply	2 pcs 1.5V AA alkaline batteries ; 2 pcs 1.2V AA rechargeable batteries
Protection class Size	Housing: 146X76X32mm ; Wire: Φ3.5X1000mm Probe: Φ17X67mm
Case Material	Housing: ABS ; Probe: stainless steel
Standards / Certificates	CE, ROHS, ISO 2178, 2360, GB / T 4956-2003, 4957-2003, JJG-818-2005
Weight	Housing: about 137g (No battery) Probe: about 63g
Warranty	12 months