

COATING THICKNESS METER DT-159

APPLICATION: The DT-159 is a 2.4" TFT colour LCD Display coating thickness tester with temperature and humidity measurement. Dual Technology features automatic selection of magnetic induction or eddy current measurement techniques. The measuring data is easily transferred to a PC to edit and store. The LCD screen can auto-rotate at 0°, 90°, 180°, and 270°.

FEATURES:

- Measured Coatings: Non-magnetic coatings (e.g. paint, zinc) on steel; Insulating coatings (e.g. paint) on non-ferrous metals.
- Non ferrous metals coating on insulating substrates.
- 2.4" TFT colour LCD display
- Temperature and humidity Dew point Temperature measurement.
- Auto-rotation Screen: 0°, 90°, 180°, 270°
- Stability Test
- Continuous Test
- Set Auto power off time.
- SSPC mode
- Warning with beeper and backlight flash, 3-colour led indication.
- Menu Operation system
- Two working mode: DIRECT, GROUP and SSPC mode.
- Statistic Display: AVG, MAX, MIN, NO., S.DEV(Deviation)
- One point calibrating and SSPC MODE calibration
- Error indication
- USB interface
- 10 Level of LCD Lighting adjustable.



- This compact and handy gauge is designed for non-destructive, fast and precise coating thickness measurement. The principal applications lies in the field of corrosion protection. It is ideal for manufacturers and their customers, for offices and specialist advisers, for paint shops and electroplaters, for the chemical, automobile, shipbuilding and aircraft industries and for light and heavy engineering.
- DT-156 gauges are suitable for laboratory, workshop and outdoor use.
- The probe can work on both principles, magnetic induction and on the eddy current principle. One probe only is required for coating measurement both on ferrous and non-ferrous metal substrates. It is adaptable to specific tasks: i.e. they can be used on special geometries or on materials with special properties.

SPECIFICATION:

Sensor probe	F	N
Working principal	Magnetic induction	Eddy current principal
Measuring range	0~2000μm	0~2000μm
Guaranteed tolerance(of reading)	(±2%+2)μm	(±2%+2)μm
Repeatability	(±1%+1)μm	(±1%+1)μm
Low range Precision	0.1 μm	0.1 μm
Minimum curative radius	1.5mm	3mm
Diameter of Minimum area	7mm	5mm
Basic critical thickness	0.5mm	0.3mm
Working temperature	0°C~50°C (32°F~122°F)	
Basic Accuracy	±1°C/1.8°F / ±3%	
Working relative humidity	0%~100%	
Size (HXDXW)	120 x 60 x 40mm	
Weight	120g	

ACCESSORIES:

2X 1.5V AA Batteries, CD, Calibration Iron, Calibration Aluminium, Precision Standards, Gift box with Carrying Case, Instruction Manual.

One year warranty against Any Manufacturing Defects.