



EC777E

Hassle-Free Measurement Of Coating Thickness

EC-777E is backed by dual technology, i.e., it uses both eddy current and magnetic induction to measure coating thickness. A separate probe, two batteries, and a USB cable accompany the EC-777E. The probe consists of stainless steel and weighs approximately 63 grams. You can see the measurement results of this device either on your laptop or through your mobile.

Main Features

- * EC-777E comes with a separate probe.
- * It allows you to perform statistical analysis of data.
- * The measuring range of EC-777E is 0 to 2000 micrometers.
- * It facilitates both zero and multipoint calibration.
- * EC-777E comes with a 12-months warranty.
- * It displays four units of measuring values.
- * EC-777E is known as a highly accurate device for measuring coating thickness.
- * It comes with a volume-adjusting knob.
- * The device has a 2.4-inch color screen.
- * EC-777E comes with Bluetooth and app support.
- * EC-777E measures the coating thickness of the non-conductive coating on a non-magnetic surface.
- * It measures the non-magnetic coating on a ferrous substrate.



Model	EC-777E
Probe type	Separated probe
Measuring principle	Fe: Magnetic induction ; NFe: Eddy currents
Measuring range	0~2000μm
Accuracy	±(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
Chart	Curve, bar chart or trend chart
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
Maximum measuring rate	2 readings / s
Display	2.4 inch color screen
Bluetooth & APP	Support
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	IP40
Size	Housing: 146X76X32mm ; Wire: Φ3.5X1000mm Probe: Φ17X67mm
Case material	Housing: ABS ; Probe: stainless steel
Weight	Housing: about 137g (No battery) Probe: about 63g
Standards / Certificates	CE, ROHS, ISO 2178, 2360, GB / T 4956-2003, 4957-2003, JJG-818-2005
Warranty	12 months