



EC770P

Professional High Accuracy Coating Thickness Gauge

The EC-770P coating thickness gauge is ideal for non-destructive measurement of coating thickness, suitable for non-magnetic coatings such as paint, enamel, and chrome on steel, as well as insulating coatings like paint and anodized layers on non-ferrous metals.

Main Features

- * High accuracy and measurement stability.
- * 128×128 dot matrix LCD with user-friendly menu interface.
- * Rotatable LCD for easy operation.
- * LCD displays mean, maximum, minimum, and standard deviation.
- * Alarm limit with red backlight indication.
- * Data storage, recall, and deletion options.
- * Simple zero calibration and multi-point calibration support.
- * USB connectivity for PC integration and data transfer.
- * Supports multiple languages for global usability.
- * Handles up to 5 measurement groups.
- * Automatically detects substrate type (F or N).
- * Accurate Readings: Shows maximum, minimum, and average values for precise analysis.
- * Smart Detection: Automatically identifies the properties of the substrate.
- * Reliable Measurements: Provides consistent results even when the probe is retracted.
- * Effortless Operation: The user-friendly probe quickly adapts to different surfaces.
- * Non-Destructive: Measures coating thickness without causing any damage to the material.
- * Versatile Compatibility: Works with both ferromagnetic and non-ferromagnetic metals.



Specifications	EC-770-P
Measuring principle	Fe: Magnetic induction NFe: Eddy currents
Measuring range	0~2000um
Accuracy	±(2.5%+1μm)
Resolution	0.1μm(0~99.9μm), 1μm(≥100μm)
Power supply	Two 1.5V AAA batteries
Readings memory	320 readings for EC-770, 2000 readings for EC-770S / EC-770SE
Unit	μm, mm, mils
Size / Weight / Case material	114mmX53mmX25mm / 80g / ABS
Standards / Certificates	CE, ROHS, ISO 2178, 2360, GB / T 4956-2003, 4957-2003
Storage environment	Temperature: -20~60°C
Operation environment	Temperature: -20~60°C

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Device with internal F/N probe, CD, manual, 2 batteries, USB cable, ferrous and non-ferrous metal, 5 foils.

