



PRODUCT DATA SHEET EC770SE

Main Features

- * High Accuracy & Stability.
- * 128x128 LCD with Rotatable Display.
- * Mean, Max, Min & Std. Deviation Display.
- * Alarm Limit with Red Backlight.
- * Data Storage, Recall & Deletion.
- * Zero & Multi-Point Calibration.
- * USB PC Connectivity.
- * Multi-Language Support.
- * Supports 5 Measurement Groups.
- * Automatic Substrate Detection (F/N).
- * Accurate Readings: Displays max, min, average, and standard deviation.
- * Smart Detection: Auto-detects ferrous and non-ferrous substrates.
- * Reliable Measurements: Ensures precision even with probe retraction.
- * Effortless Operation: Rotatable LCD with user-friendly interface.
- * Non-Destructive: Measures without damaging materials.
- * Versatile Compatibility: Works with Fe and NFe metals.
- * Data Management: Stores, recalls, and deletes up to 2000 readings.
- * Calibration Support: Zero and multi-point calibration.
- * Alarm System: Red backlight for user-defined limits.
- * PC Connectivity: USB support for data transfer.
- * Multi-Language Support: Supports various languages.
- * Measurement Groups: Handles up to 5 groups.

Professional High Accuracy Coating Thickness Gauge

EC-770SE coating thickness gauge measures non-magnetic coatings on steel and insulating coatings on non-ferrous metals quickly, accurately, and non-destructively.



Specifications

EC-770SE (With external probe)

Measuring principle Fe: Magnetic induction
NFe: Eddy currents

Measuring range 0~2000um

Accuracy $\pm(2\%+1\mu\text{m})$

Resolution $0.1\mu\text{m}(0\sim99.9\mu\text{m}), 1\mu\text{m}(\geq 100\mu\text{m})$

Power supply Two 1.5V AAA batteries

Readings memory 320 readings for EC-770, 2000 readings for EC-770S / EC-770SE

Unit $\mu\text{m}, \text{mm}, \text{mils}$

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

EC-770SE

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

