

# Professional High Accuracy Coating Thickness Gauge

## EC-770 / EC-770SE / EC-770S

The coating thickness gauge can be used for non-destructive coating thickness measurement of non-magnetic coatings, e.g. paint, enamel, chrome on steel, and insulating coatings, e.g. paint and anodizing coatings on non-ferrous metals.



- High accuracy and stability
- 128x128 dot matrix LCD display and menu interface
- LCD can be rotated to be used easily
- LCD shows mean, maximum, minimum and standard deviation
- User can set alarm limit and led backlight indication
- Readings can be stored, recalled and deleted
- Easy to do zero calibration and support multi-point calibration
- Connect with PC via USB and download readings
- Multiple languages supported
- Up to 5 measurement groups supported
- Automatically detect the substrates type (F or N)

### EC-770 / EC-770SE / EC-770S

- 0-2000µm
- Internal probe
- Red backlight indication when alarm happen
- LCD rotated 180°





### Specifications

#### EC-770

#### EC-770SE (with external probe)

#### EC-770S

#### Measuring principle

F<sub>r</sub>: Magnetic Induction  
NFe: Eddy currents

#### Measuring range

0-2000µm

#### Accuracy

±(2.5%+1µm)

#### Resolution

0.1µm(0-99.9µm), 1µm(≥100µm)

#### Power supply

Two 1.5V AAAA 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

#### EC-770

Device with internal F/N probe, CD, manual, 2 batteries, USB cable, ferrous and non-ferrous metal, 5 foils.  
Part no.: 1000100062

#### EC-770SE

Device with external F/N probe, CD, manual, 2 batteries, USB cable, ferrous and non-ferrous metal, 5 foils.  
Part no.: 1000100019 (FN2.0)

#### EC-770S

Device with internal F/N probe, CD, manual, 2 batteries, USB cable, ferrous and non-ferrous metal, 5 foils.  
Part no.: 1000100065

