



EC900

Measures Non-Magnetic & Insulated Coating

EC-900 series exhibits dual technology. It can measure the non-magnetic coatings on steel and the insulating coatings on non-ferrous metals. EC-900 comes with a USB cable. Once the cable connects to the measuring object, it sends the recorded data to a computer through a USB cable. You must operate this device within -10~50°C.

Main Features

- * EC-900 comes with a 1 m probe. The probe can be detached from the device when not in use.
- * You can set an alarm limit and a red backlight indication.
- * The user can connect the device to the PC.
- * It supports multiple languages.
- * The LCD shows the mean, maximum, minimum, and standard deviation. Unit options are in μm , mm, and mils.
- * The LCD shows the mean, maximum, minimum, and standard deviation.
- * The device has a separate probe, three batteries, five foils, and a USB cable.
- * It offers a wide measuring range.
- * EC-900 is known for providing accurate measurements.
- * Doing zero calibration on this device is easy.
- * EC-900 is CE, ROHS, and ISO certified.
- * EC-900 stores 2000 readings in its internal memory. Thus, it allows the user to review the data.
- * This instrument has a backlight feature. It will enable the user to read measurements even in low light.
- * The instrument can detect the type of substrates automatically.
- * It measures the coating thickness of the non-magnetic coating on the magnetic substrate.
- * It supports both eddy current and magnetic induction methods.



Specifications	EC-900
Measuring principle	Magnetic induction(F), Eddy current(N)
Measuring range	Decided by probe
Accuracy	$\pm(2\%+1\mu\text{m})$
Resolution	0.1 μm (0~99.9 μm), 1 μm ($\geq 100\mu\text{m}$)
Readings memory	2000 readings
Unit	μm , mm, mils
Operation environment	Temperature: -10~50°C
Storage environment	Temperature: -20~60°C
Power supply	3pcs 1.5V AAA batteries
Standards / Certificates	CE, ROHS, ISO 2178, 2360, GB / T 4956-2003, 4957-2003
Size / Weight / Case material	174mmX73mmX40mm / 195g / ABS

