

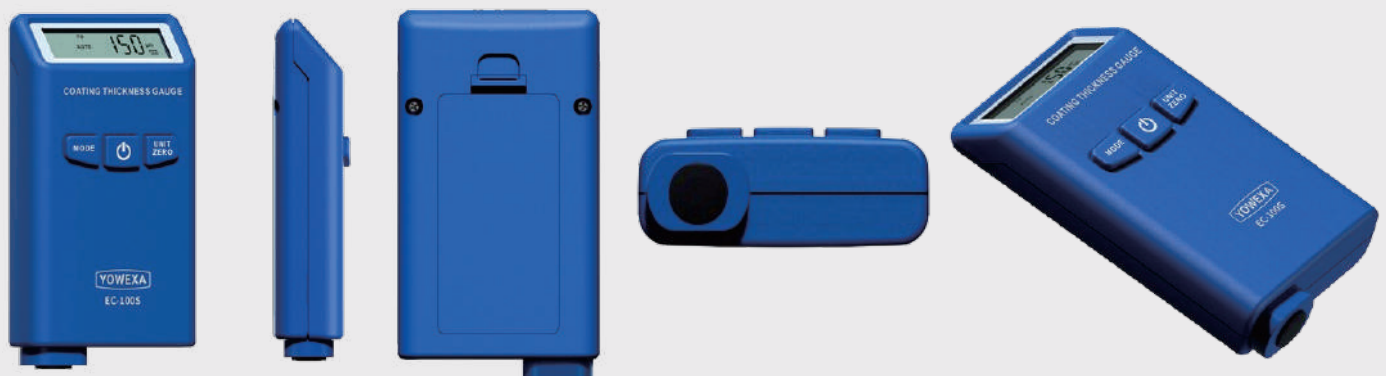
EC100S

Accurate Measurement of Coating Thickness

EC-100S is integrated with dual technology. It has both magnetic induction and eddy current probes that make it usable for a variety of applications. EC-100S can measure the coating thickness of both ferrous and non-ferrous.

Main Features

- * EC-100S comes with a 10 μ m resolution.
- * The instrument operates within the temperature range of 0 to 50 degrees Celsius.
- * It can measure the coating thickness from 0 to 2000 μ m.
- * The units displayed on the LCD are in μ m, mm, and mils.
- * It features a digital screen that provides accurate measurement readings.
- * EC-100S comes with two 1.5-Volt AAA batteries.
- * The optimum storage environment for this device is within -20 to 60 °C.
- * The device will shut down automatically when the user doesn't use it.
- * The instrument weighs around 45 g.
- * EC-100S is CE, ROHS, and IOS certified.
- * It is available at a low cost.
- * You can easily do zero calibration.
- * Low battery indication.
- * EC-100S is a battery-operated device that also indicates to the user when the battery is low.
- * It measures the non-magnetic coatings like paint or enamel on a magnetic substrate like steel.
- * EC-100S measures the thickness of insulated or anodized coatings on a non-ferrous metal substrate. For example, it can measure the paint coating thickness of an aluminum surface.



Specifications	EC-100S
Measuring principle	Fe: Magnetic induction ; NFe: Eddy currents
Measuring range	0~2000μm
Accuracy	±(2%+20μm)
Resolution	10μm
Unit	μm, mm, mils
Power supply	Two 1.5V AAA batteries
Operation environment	Temperature: 0~50°C
Storage environment	Temperature: -20~60°C
Standards / Certificates	CE, ROHS, ISO 2178, 2360, GB / T 4956-2003, 4957-2003
Size / Weight / Case material	89mmX49mmX21mm / 45g / ABS

Accessories for EC Series

Accessories
Foils(500μm, 1000μm, 2000μm, 4000μm, 7500μm)5PCS
Foils(100μm, 500μm, 1000μm, 2000μm, 4000μm)5PCS
Foils(50μm, 100μm, 500μm, 1000μm, 2000μm)5PCS
Foils(50μm, 100μm, 250μm, 500μm, 1000μm)5PCS
Foils(50μm, 100μm, 250μm, 500μm)4PCS
Ferrous metal / Non Ferrous metal Foils(50μm, 100μm, 250μm, 500μm, 1000μm)7PCS