



Coating Thickness Testers

Eddy-current Coating Thickness Tester

Model **LH-200J**



This unit is a compact coating thickness tester complete with a built-in printer. With the LH-200J, you can quickly and accurately measure objects without worrying about damaging the insulating coating on non-ferrous substrates and print-out your results right on the spot. This unit is also equipped with handy features such as statistical calculations, calibration, memory, and limit setup.

Specifications

Measurement Method	Eddy-current
Applications	Insulating coatings on non-ferrous substrates
Measurement Range	0-800 μ m or 32.00mils
Measurement Precision	Under 50 μ m: $\pm 1\mu$ m, 50 μ m or greater: $\pm 3\%$
Resolution	0.1 μ m (less than 100 μ m), 1.0 μ m (100 μ m or greater)
Statistical Functions	Number of measurements, Average value, Standard deviation, Maximum value, Minimum value, Block numbers
Probe	One-point contact fixed pressure (LHP-J)
Display Format	Digital(LCD, smallest displayed unit 0.1E m)
Output	RS-232C interface(transmission speed-2400bps)
Power Source	AC100V (50/60Hz) or 1.5 ("AA" size Alkaline batteries) x 6 (main unit), Printer ("AA" size Alkaline batteries) x 4
Dimensions & Weight	120(W)x250(D)x55(H)mm, 1.0kg Shipment 2.5kg
Accessories	Calibration plate, Batteries (1.5V, "AA" size Alkaline), Probe adapter, AC adapter, Printer paper, Carrying case
Options	Data Management Software "McWave Series" and "MultiProp" (McWave Series and MultiProp are products of CEC Co.)

Dual-Type Coating Thickness Tester

Model **LZ-200J**



The LZ-200J is a portable coating thickness tester equipped with electromagnetic and eddy-current testing methods and an internal printer. This unit can quickly and easily handle coating thickness measurements of various types of coatings on iron and steel of non-ferrous substrates. Plus, this unit is equipped with many valuable functions such as calibration, memory, limit setup, and a statistical calculation function that, at the press of a button, allows you to find the average value, standard deviation, and largest and smallest values measured.

Specifications

Measurement Method	Electromagnetic induction/Eddy-current
Applications	Non-magnetic coating on iron and steel (ferrous) substrates and Insulating coatings on non-ferrous substrates.
Measurement Range	Electromagnetic: 0-1500 μ m or 60.00mils Eddy-current: 0-800 μ m or 32.00mils
Measurement Precision	Electromagnetic: Under 15 μ m ± 0.3 mm, 15 μ m or greater $\pm 2\%$ Eddy-current: Under 50 μ m: $\pm 1\mu$ m, 50 μ m or greater: $\pm 3\%$
Resolution	0.1 μ m (less than 100 μ m), 1.0 μ m (100 μ m or greater)
Statistical Functions	Number of measurements, Average value, Standard deviation, Maximum value, Minimum value, Block numbers.
Probe	One-point contact fixed pressure (LEP-J, LHP-J)
Display Format	Digital (LCD, smallest displayed unit 0.1mm)
Output	RS-232C interface (transmission speed-2400bps)
Power Source	AC100V (50/60Hz) or 1.5 ("AA" size Alkaline batteries) x 6 (main unit), Printer ("AA" size Alkaline batteries) x 4
Dimensions & Weight	120(W)x250(D)x55(H)mm, 1.0kg Shipment 2.5kg
Accessories	Calibration plate, Iron substrate, Batteries (1.5V, "AA" size Alkaline), Probe adapter, AC adapter, Printer paper, Carrying case
Options	Data Management Software "McWave Series" and "MultiProp" (McWave Series and MultiProp are products of CEC Co.)