



Coating Thickness Testers

Dual-Type Coating Thickness Tester

Model **LZ-370**



The LZ-370 is a thickness tester capable of measuring the thickness of coated films on ferrous and non-ferrous metallic substrates. Designed for workplaces handling a variety of substrates and a variety of coatings, this multi-purpose coating thickness tester was born from Kett's design philosophy of meticulous attention to detail.

Specifications

Measurement method	Uses both Electromagnetic Induction and Eddy-current Methods
Applications	Non-magnetic coating on ferrous metal substrate and insulating coating on non-ferrous metal substrate
Measurement range	0-1000 μ m or 40.0mils
Measurement precision	<50 μ m \pm 1 μ m, \geq 50 μ m to <1000 μ m \pm 2%, \geq 1000 μ m \pm 3%
Resolution	<100 μ m, 0.1 μ m; \geq 100 μ m, 1 μ m
Data memory	Approx. 3000 points
Application memory	50 types of electromagnetic calibrations curves, 50 types of eddy current calibration curves.
Probe	Single-point constant-pressure type probe (LEP-J, LHP-J)
Display format	Digital (Backlit LCD, smallest displayed unit 0.1 μ m)
External output	PC or printer output (RS-232C)
Power source	4x 1.5V batteries ("AA" size Alkaline)
Power consumption	80 mW (when backlight OFF)
Battery life	100 hrs (constant operation, backlight OFF)
Operating environmental	0-40°C
Functions	16 types of internal functions
Dimensions & weight	75(W) x 145(D) x 31(H) mm, 0.34 kg
Accessories	Calibration plate set, Ferrous metal substrate, Aluminium substrate, Carrying case, 4 x 1.5V bat- teries ("AA" size Alkaline)
Options	Calibration plates (thicknesses other than those avail- able as standard accessories), Measuring stand LW- 990, Printer VZ-330, Printer cable (can be connected to a PC via commercially available USB converter)