

Advanced Coating Thickness Gauges

Models LZ/LE/LH 373



SCIENCE OF SENSING



Tomorrow's Testing, Today !
1-800-438-5388

Advanced Coating Thickness Gauge

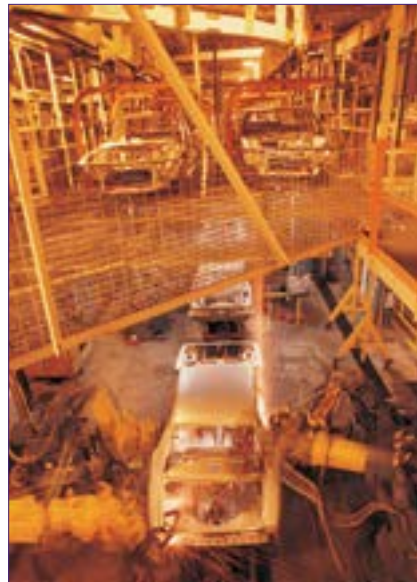
Reliable, Accurate Measurement

This simple-to-use instrument instantly measures the thickness of non-ferrous (non-magnetic) coatings on both ferrous (magnetic) and non-ferrous substrates. Testing can be accurately achieved at a process line without having to move a sample to the lab for evaluation. This capability dramatically reduces the overall test cycle allowing you to focus on improving product quality and not on sampling and prep work.

To test a sample, simply push the spring-loaded probe onto the surface, the instrument will beep to indicate the test is immediately completed and the coating thickness (mils or microns) will be immediately displayed on the large LC Display. Batch statistics, the ability to zero the instrument on various substrates and substrate/coating matrices, multiple stored calibrations and a 39,000 measurement memory make this compact instrument the standard against which other portable coating gauges are judged.

Outstanding Measurement Stability

Measurements are made using magnetic inductance or capacitance (depending on the substrate) providing non-destructive analysis of both flat and curved surfaces. The specially designed probe and probe tip help the operator maintain consistent contact with any surface, even complex components as shown below. These design features dramatically improve the precision and accuracy of the measurement.



Sample Printout

1-800-GET-KETT

Tomorrow's Testing, Today!

In addition to the L373, Kett manufactures over 200 instruments. Available for portable handheld, laboratory desktop or online process applications, if you have a measurement requirement, we offer solutions...today! If you need to measure physical characteristics - accurately, quickly, and simply, wish to place an order, or require additional guidance on model selection, please call Kett toll-free!

Specifications

Model	L373
Measurement Principle	LE- Magnetic Inductance LH - Capacitance
Measurement Range	0-2500um (Fe) 0-1200um (NFe)
Measurement Storage	Approximately 39000 samples
Calibration Storage	100 (50 Fe, 50 NFe)
Accuracy	+/- 1um (under 50um)
Resolution	0.1um
Display	Product, Constituent, Value
Ambient Temperature	0-40°C
Ambient Humidity	0-85% RH (non-condensing)
Power Source	4AA Batteries - 100 hours use
Functions	Average, Max, Min, SE
Display Type	LCD (Digital)
Communications	RS232C
Measurement Mode	Sample and Continuous
Weight (kg) (Net/Shipment)	0.34 / 1.27 kg
Dimensions (mm)	75Wx145Dx31H
Warranty	One Year Parts and Labor Maintenance Agreements available

Multiple Functionalities Built In.

We include all of the functions normally required for coating thickness management. It is possible to set 16 functions such as Application, Substrate Calibration, Delete Data, Data Memory, Limits, Statistics (times measured, average, standard deviation, max value, min value), Display Property, Date/Time, Auto Off Time, Brightness, Lighting Time, Unit, Data Output, Lot Splitting, Measurement Modes, and Maintenance.

Kett stands behind the L373 systems with a full **One-Year** manufacturer's warranty on parts and labor *and* specification compliance. Kett's dependability and reliability allow you to productively focus on improving your product's quality, and not waste time calibrating and verifying our gauges. Kett is recognized as the worldwide leader in measurement instrumentation. With almost 60 years of design and manufacturing excellence, the L373 like all Kett instruments, is the standard by which others are judged.



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