

Integrated Coating Thickness Gauge

Model LZ990



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

Portable Coating Thickness Gauge

Instantly Measure Coatings - with only one hand!

This simple-to-use instrument measures the coating thickness of almost any non-magnetic coating on both ferrous (magnetic) and non-ferrous (non-magnetic) substrates. Plating, painting, anodizing, organic coatings and more can be measured with this simple, non-destructive test. The LZ990 automatically determines the substrate and uses the appropriate measurement circuit.

Measurements are shown on the large LCD and retained until the next test is taken. Up to 1000 measurements can be stored and then sent to a PC or printer with the optional cables. An internal statistical program allows operators to quantify the average, hi/low and standard deviation of lots - simplifying accept/reject decisions.

Simple Operation - Research Grade Results

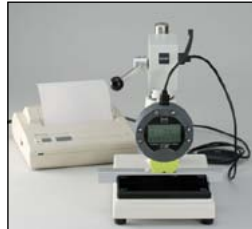
To test a sample, simply select the calibration to be used (16 are available), place the instrument directly on the part, and in less than one second, the thickness will be displayed on the large LCD - in either mils (.001 inch) or microns (.001mm).



- All accessories included for immediate use



- Easily measure curved and edged parts



- Optional stand, printer, USB output

Outstanding Measurement Stability

In addition to the materials used in the manufacture of a coating gauge, the main key to providing accurate, repeatable measurements is the ability of the operator to reliably make consistent contact between the instrument and the test surface. Our engineers have designed the LZ990 to assist in that goal. The probe is spring loaded, built in edge guides are provided for curved and edged surfaces and the foot of the probe is designed to provide a firm platform when placed onto the test piece.... all necessary to help provide your staff with the confidence to depend on the test results.

Other than the spring-loaded probe, the LZ990 has no moving parts and is impervious by vibration and independent of orientation of the instrument. This allows it to be utilized on the manufacturing floor, providing instant feedback to your staff. Integrated temperature compensation allows the measurement to be taken at any stage of the process in any manufacturing/fabrication environment.

Designed for Years of Stable Use

The LZ990 is the latest version of our L900 series, a model renowned for its compact size and durability. Kett stands behind the LZ990 gauges with a full **One-Year Total CARE** 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 a worldwide leader in coating thickness instrumentation. With almost 60 years of design and manufacturing excellence, the LZ990, like all Kett instruments, is the standard by which others are judged.

Specifications

Model	LZ990
Measurement Principle	Magnetic Inductance and Eddy Current
Applications	Non-magnetic coatings on magnetic or non-magnetic metal substrates
Measurement Range	0-2000 μ m or 0-80.0 mils
Display	Backlit LCD (to 0.1 μ m)
Data Memory	1000 measurements
Response Time	.2 seconds
Accuracy	+/- .1 μ m (under 100 μ m) +/- 1 μ m (over 100 μ m)
Application memory	16 total, 8 each circuit
Power Supply	2 AAA Batteries (1.5V - Included)
Battery Life	60 hours (with backlight off)
Ambient Temperature	0-40°C
Ambient Humidity	0-85% RH (non-condensing)
Functions	15 Various
Display Type	Backlit LCD
Communications	USB - PC, RS232C -Printer
Weight (kg) (Net/Shipmt)	.16/1
Dimensions (mm)	82(W)x32(H)x99.5(D)
Accessories (incl.)	Zero Substrates (2), Calibration Foils (4), batteries, Carrying Pouch, Wrist strap
Options	VZ330 Printer, printer cable, USB cable, Measuring Stand (LW990)
Warranty	One Year "Total Care" Maintenance Agreements available

Tomorrow's Testing, Today!

In addition to our unique LZ990, Kett manufactures almost 200 different 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 thickness, friction, wear, or adhesion - - accurately, quickly, and simply, wish to place an order, or require additional guidance on model selection, please call Kett toll-free!

1-800-GET-KETT



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