

ULTRASONIC COATING THICKNESS GAUGE

Model LU200



SCIENCE OF SENSING



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

Ultrasonic Coating Thickness Gauge

Measure Coatings on Non-Metallic Substrates - NOW!

This handheld gauge measures coatings on resins, polymers and plastics as well as polymer and resin coatings on thin metallic substrates - instantly, non-destructively, and accurately. Kett's LU200 makes conventional, destructive, cross-sectional analyses and scratch testing obsolete! Laboratory quality measurements can be obtained anywhere, any time as the LU200 is portable and battery operated.

Principle of Operation

Different products have different ultrasonic echo characteristics. By measuring the echo characteristics of known thicknesses, the gauge is calibrated. Once calibrated, the probe is placed on the surface of the coating. Ultrasonic waves are emitted, the response measured, and the coating thickness displayed on the LCD screen.

Applications

Multi-layer resins or polymers
Polymer Coatings on thin metal substrates
Paint or coatings on concrete, mortar, or other organic substrates
Paint on polymers

Additional Surface Testing Devices

We offer a complete line of testing systems for coating thickness and surface assessment. Handheld units are available to test non-ferrous coatings on ferrous and non-ferrous substrates. Desktop units determine static and dynamic friction, fluctuations in frictional resistance due to abrasion, evaluation of film adhesion, surface scratch hardness, surface stickiness, tensile strength, and peeling resistance.

If you need to measure coating thickness, coatings, and surface properties, wish to place an order, or if you require additional guidance on model selection, please call toll-free!

Quality

We stand behind the durability and quality of our entire line of Kett Coating Thickness Gauges. The LU200 offers a full **Three-Year** Manufacturer's warranty. We will repair the product or replace it for three years should it fail to perform to specifications during normal wear and tear. Kett's dependable quality allows you to productively focus on improving your product's quality, not waste time calibrating and verifying our gauges.

When your quality is on the line, get on the line to KETT!

Tomorrow's Testing, Today!

Kett offers a complete line of innovative measurement devices — for laboratory, field, and commercial applications. If your company needs fast, accurate measurements, please call Kett!

Specifications

Model	LU200
Ferrous Substrates	Y
Non-Ferrous Substrates	Y
Range - μm	10-700
Resolution	1 μm
Measurement Storage	
Calibrations Stored	9
Accuracy +/-	+/- 2 μm or 4% (over 50 μm)
Alarms (Hi/Lo)	Y
Statistics	Average Standard Deviation Maximum Minimum # of Measurements
PC/Printer	RS232C
Power (batteries)	AC100V or 6-AAA
AC Adapter	Y
Carrying Case	Y
Calibration Standards	Y
Operating Temp.	0 - 100 F
Weight - Net/Ship	3/ 5 lbs.
Dimensions (mm)	55H x120W x250D 63dia.x85H probe
Warranty All Kett thickness gauges are covered by a three-year warranty on parts and labor. Post-warranty maintenance agreements are also available. Please call for information.	

Note: Specifications are preliminary and subject to change without notice.

1-800-GET-KETT

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