

# COATING THICKNESS TESTERS

**Kett**

SCIENCE OF SENSING

Model 200, 330 and 900



**Kett**

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

# Coating Thickness Testers

## *Why Are Coating Thickness Measurements Important?*

Our modern world is full of objects made of metals. Even so, these strong materials also have their shortcomings. One of the biggest problems is corrosion. Coatings are used to eliminate or retard corrosion. When coatings are too thin, it becomes easier for the metal to rust, while coatings that are too thick are expensive and wasteful.



An even coating thickness is also important in maintaining a good external appearance. Making measurements of coating thicknesses improves economic efficiency and product value. Kett offers a full line of measuring devices to serve you in this field.

## *Who Can Use Coating Thickness Gauges?*

Any business engaged in the coating of ferrous or non-ferrous substrates can benefit from the use of coating thickness gauges. These industries include, but are not limited to:

- Automotive
- Painting
- Military Contractors
- Aerospace
- Anodizing
- Powder Coating

Almost all metal is coated in some form or another for protection, aesthetics, or product performance. If you are engaged in coating or painting, you can benefit from a Kett thickness gauge.

## *Why Use Kett?*

The selection of a coating thickness gauge that meets the needs of your company is essential. After all, it is not only your product quality at stake... the Kett line will be a vital asset to your company's reputation.

Kett thickness gauges utilize the electromagnetic induction and eddy current methods for thickness determination. They are capable of measuring a wide array of coating/substrate combinations.

Kett thickness gauges, which are born of technology accumulated over 40 years, have been delivered to many commercial enterprises and government agencies around the world. Their quality, reliability, and practicality are unsurpassed.

## *Which Kett Do You Need?*

All Kett gauges offer easy-to-read digital displays, wear resistant probes, industrial grade construction, and ergonomic design for years of comfortable, accurate measurements. Battery operation allows up to 60 hours of continuous use. In addition, each model offers specific features designed to meet your application needs.

## **900 - Handheld Model**



## *Integrated Unit*

A one-piece design, with a built-in sensor provides the ultimate in simplicity when measuring coatings. The 900's accuracy rivals that of much more expensive models when used with the standards provided.

## *Ergonomic Design*

Sculpted to conform to your hand, the 900 provides hours of comfortable operation. An integrated tube stock guide increases versatility.

## *Industrial Grade*

Built for the shop floor, the 900 can handle most situations with ease. A convenient carrying pouch protects the gauge when not in use.

## 330 - Portable, with Statistics



### *Flexible and Compact*

Small, handheld design allows easy use. A leather hip pouch keeps unit, probe, and calibration standards close at hand, but out of the way.

### *Statistics Function*

Averages, standard deviations, and variances are provided for overall measurement, as well as sectional testing.

### *PC/Printer Attachment*

Allows the 330 to download stored measurement data.

## 200 - Portable, Statistics, Integrated Printer



### *The Standard by which Others are Measured*

This is the world's first handheld thickness gauge with a built-in printer. Weighing less than 3 pounds, thicknesses up to 800  $\mu\text{m}$  (31.5 mils) can be measured instantaneously. The integrated thermal printer offers years of performance.

### *Portable, yet practical*

If it can be measured by eddy current or magnetic induction methods, the 200 can handle the job!

### *Statistics*

Calibrations for up to eight different materials can be stored. A single key stroke allows the 200 to automatically perform statistical calculations on up to 1500 measurements. Values are provided for average, standard deviation, maximum and minimum values, number of samples, lot and batch number, as well as the date of test.

These values can be provided and edited on a lot-by-lot basis, and for the overall sampling, allowing the operator to identify and correct process quality problems of each individual component.

**Summary**

By now, you have decided which Kett coating thickness gauge you would like to purchase. The Kett line offers high quality, accurate thickness gauges that will perform to your most stringent expectations. If you wish to place an order, or if you require additional guidance on model selection, please

CALL TOLL-FREE **(800)-438-5388**



**Accessories and Options**

**Printer Options**

Kett printers are available for the 330 series. Thermal paper is available for these printers, as well as the 200 series.

**Ferrous, non-ferrous, dual measurement**

Ferrous-only, non-ferrous-only, and dual-mode gauges are available for each model.

**Probes**

Replacement, right angle, or supplemental probes are available for your use.

**Specifications**

Model	900	330	200
Ferrous Substrates	Y	Y	Y
Non-Ferrous Substrates	Y	Y	Y
Range - Mils/Microns Non-Ferrous	0-60 / 1500 0-32 / 800	0-60 / 1500 0-32 / 800	0-60 / 1500 0-32 / 800
Resolution	.1/1um (over 100um)	.1/1um	.1/1um
Measurement Storage	N	1500	1500
Calibrations Stored	1	4	8
Accuracy +/-	2um, 3% (over 100um)	.3um, 2% (over 15um)	.3um, 2% (over 15um)
Auto Conversion (Metric/Mils)	Y	Y	Y
Alarms (Hi/Lo)	N	Y	Y
Printer	N	Optional - VZ 330	Integrated
Stats	N	Y	Y
Lot Number		Y	Y
# of Measurements		Y	Y
Averages		Y	Y
Std. Deviation		Y	Y
Max/Min Values		Y	Y
Ho/Lo Limits		Y	Y
Power (Batteries)	2 - AAA	4 - AA	6 - AA
AC Adapter	N/A	Y	Y
Carrying Case	Y	Leather	Leather
Calibration Standards	Y	Y	Y
Operating Temp.	0 - 100 F	0 - 100 F	0 - 100 F
Weight - Net/Ship	.2 / 1 lbs.	1 / 3 lbs.	3 / 7 lbs.
Dimensions (mm)	76Hx76Wx30D	30Hx75Wx140D	55Hx120Wx250D
Warranty	All Kett thickness gauges are covered by a three year manufacturer's warranty on parts and labor. Post-warranty maintenance agreements are also available. Please call for information.		

**1-800-GET-KETT**

or

**www.kett.com**

**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!



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