

# Instant Paper Moisture Meter



SCIENCE OF SENSING

Model HK300



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

# Instant Paper Moisture Meter

## Instantly Measure All Paper Sheets

This simple-to-use instrument instantly measures the moisture in sheets of paper, kraft and paperboard. To test, simply select the calibration to be used and then press the paper against the appropriate probe. The moisture percentage is digitally shown on the large digital display. The HK300 is factory-calibrated and the customer can easily create additional calibrations to account for specialty products and local calibration standards. Testing can be accurately achieved without pre-processing the samples or altering them in any way. This dramatically reduces the overall test cycle allowing you to focus on improving product quality and not on sampling and prep work.

### Multiple Measurement Probes Available

The HK is available with up to three probe designs. The Conductive Rubber Sensor probe (HK300-02) is used for paper rolls, stacks and higher moisture paper products (up to 25%). The clamping Constant Pressure Sensor probe (HK300-03) is used for multi-layer products, liner board, and low moisture copy and kraft paper. These probes are similar in design to the probes used on the industry standard K100 and K200 paper moisture testers. Using the HK with these probes will allow you to migrate to a fully digital test instrument, yet remain backwards compatible with customers, suppliers and internal standards created with the K100/K200. The new grip probe is used for both single sheet measurement and compression tests. It will provide superior stability and repeatability because of the unique constant pressure design.

Other than the Grip Sensor or Constant Pressure Sensor, the HK300 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 samples to be tested at any stage of the process in any manufacturing environment.



HK300-1



HK300-2



HK300-3

### Tomorrow's Testing, Today!

In addition to the HK300, 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 organic constituents - accurately, quickly, and simply, wish to place an order, or require additional guidance on model selection, please call Kett toll-free!

## Specifications

<b>HK300</b>	
Measurement Principle	Electric Resistance
Measurement Range Moisture %	Copy Paper: 2-25% Cardboard: 6-20% Liner Board: 5-23% Kraft Paper: 2-24% Sensor Dependent
Response Time	Instant
Accuracy	+/- 0.4% (under 15%)
Resolution	0.1%
Display	Product, Value
Ambient Temperature	0-40°C
Ambient Humidity	0-85% RH (non-condensing)
Power Source	6x 1.5V(AA Batteries - incl.) Approx 0.45W
Functions	Average, Offset, Alarm, Auto-Off
Display Type	LCD (Digital)
Communications	RS232C
Printer	Optional - VZ330
Measurement Mode	Single
Weight (kg) (Net/Shipment)	0.5/3
Dimensions (mm)	110Wx50Hx210(D)
Warranty	One Year - Parts and Labor Maintenance Agreements available

### Designed for Years of Stable Use

Kett stands behind the HK300 systems with a full **Three-Year** manufacturer's warranty on parts and labor. 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 rice measurement instrumentation. With 60 years of design and manufacturing excellence, the HK300, like all Kett instruments, is the standard by which others are judged.

# 1-800-GET-KETT



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