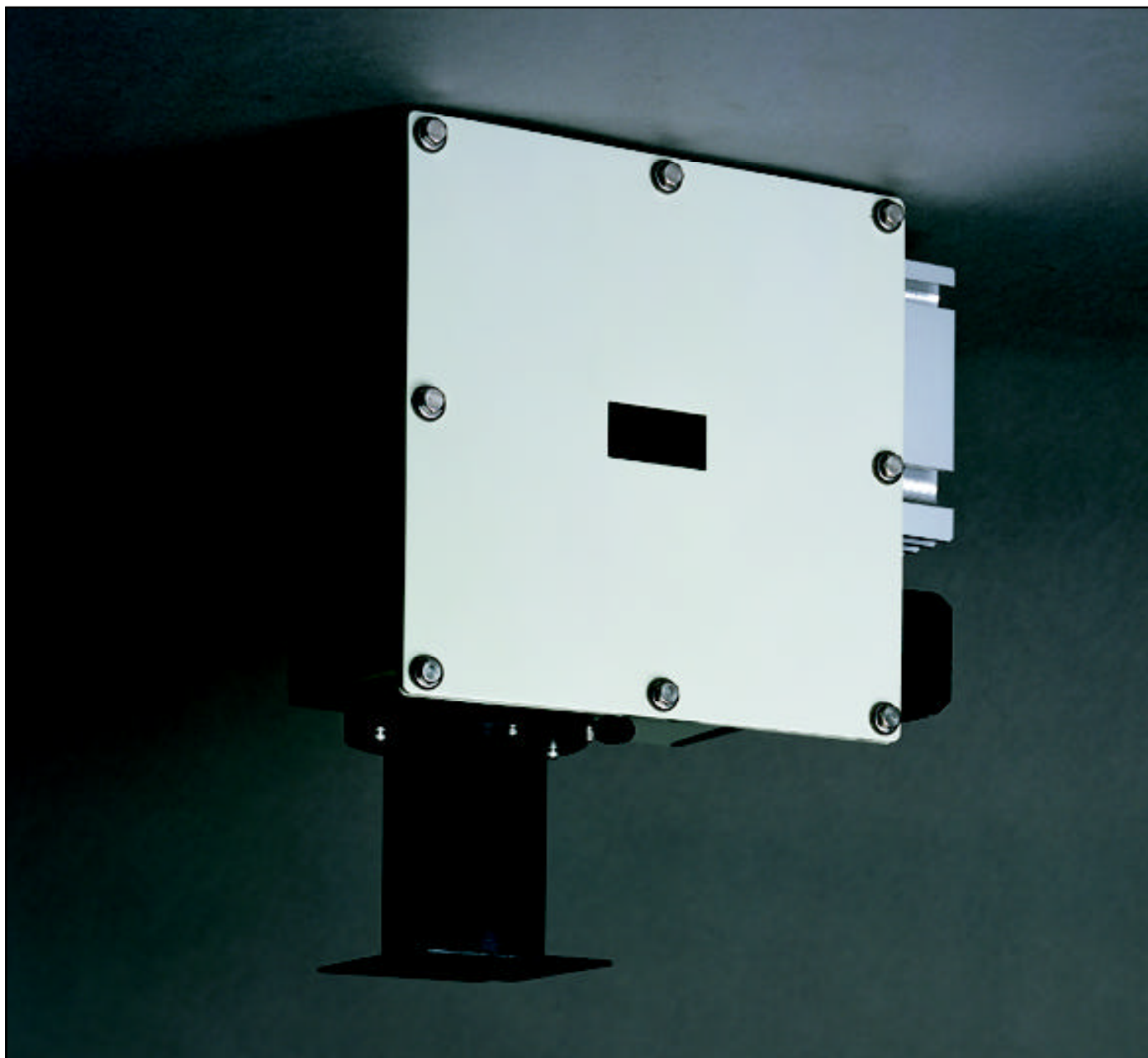


# IN-LINE NIR MOISTURE METER

**Model KJT30**

**Kett**

*SCIENCE OF SENSING*



**Kett**

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

# In-Line NIR Moisture Meter

## *The World's Lightest and Most Compact NIR Meter!*

The Kett KJT30 is the world's smallest and lightest in-line system. Legendary Kett measurement accuracy is provided in a size to fit most applications. The KJT30 continues the use of smart sensor design, allowing measurement without connection to controllers, PC's, or other cumbersome I/O devices. 4-20mA and RS485/RS232 connections allow for local process control, remote integration into any data collection protocol, plus unlimited versatility... whether adding new process lines or upgrading existing processes.

The KJT30 uses reflected Near-Infrared light to measure product moisture in liquid and solid streams. With a refresh rate of 0.5 seconds, the KJT30 can be used to measure extremely variable and rapidly changing products, as well as processes where quality is critical. When monitoring capabilities of the KJT30 are integrated with the Kett Tracker™ data collection and analysis software, improved error detection, analysis, and product quality result.

### *Wide Applications*

The KJT30 can be used to measure pharmaceuticals, chemicals, textiles, foods, pulp and paper, minerals, lubricants, and personal care products. In fact, almost any liquid or solid can be accurately measured with the KJT30. Some of the applications being successfully measured include:

- Wood Products - pulp, chips, fiber, and sludge
- Food - Processed, baked, ground, mixed, and ingredients
- Paper - All weights and grades, coated and uncoated
- Chemicals - Pellets, powders, blocks, chips, liquids and slurries
- Minerals - Powders, pellets, concentrates, and sludge
- Pharmaceuticals - Pills, capsules, powders, and raw materials

### *Additional Near-Infrared Testing Devices*

Kett offers a complete line of NIR devices for moisture and composition assessment including desktop units, handheld portables, and on-line systems that instantly provide non-contact, nondestructive measurements. Some models simultaneously measure multiple compositional characteristics. In addition, Kett manufactures over one hundred moisture meters and a complete line of physical property analyzers (friction, adhesion, thickness, etc.).

If you need to accurately and effectively measure the composition of your products, wish to place and order, or required additional guidance on model selection, please call toll-free!

# 1-800-GET-KETT

### *Tomorrow's Testing, Today!*

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



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**1-800-438-5388**

[www.Kett.com](http://www.Kett.com)

**Sales, Support, Service**

## Specifications

| Model   | KJT30                  |
|---|------------------------|
| Measuring Range   | 0.00 - 100%            |
| Resolution  | 0.01%                  |
| Accuracy  | +/- 0.1%               |
| Light Source  | Tungsten Lamp          |
| Focal Length  | 170mm                  |
| Measurement Diameter  | 33mm                   |
| Display   | 3 Digit Red LED        |
| Refresh Rate  | 0.5 Seconds            |
| Output  | 4-20mA and RS485/RS232 |
| Power   | 85-260VAC              |
| Operating Humidity  | 0-90% RH,              |
| Operating Temperature   | 0 - 110 °F             |
| Weight - Net/Ship (lbs.)  | 12 / 16                |
| Dimensions (mm)   | 272Hx135Wx222D         |
| <b>Warranty</b><br>All Kett NIR Analyzers are covered by a one-year manufacturer's warranty on parts and labor. Post-warranty maintenance agreements are also available. Please call for information. |                        |

### *Quality*

We stand behind the durability and quality of our entire line of Kett NIR Analyzers. The KJT30 has a full One-Year manufacturer's warranty. During this one year period, we will repair the product or replace any component should it fail to perform to specifications during normal use. Kett's dependability allows you to focus on improving your product's quality, not spend time calibrating and verifying our gauges.

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