

IN-LINE NIR MOISTURE METER

Model KB30



SCIENCE OF SENSING



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

In-Line NIR Moisture Meter

The World's Lightest and Most Compact NIR Meter!

The Kett KB30 is the world's smallest and lightest in-line system. Legendary Kett measurement accuracy is provided in a size to fit most applications. The KB30 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 and unlimited versatility... whether adding new process lines or upgrading existing processes! Converters are available for wireless, IP, DeviceNet, and other interconnection and communications protocols.

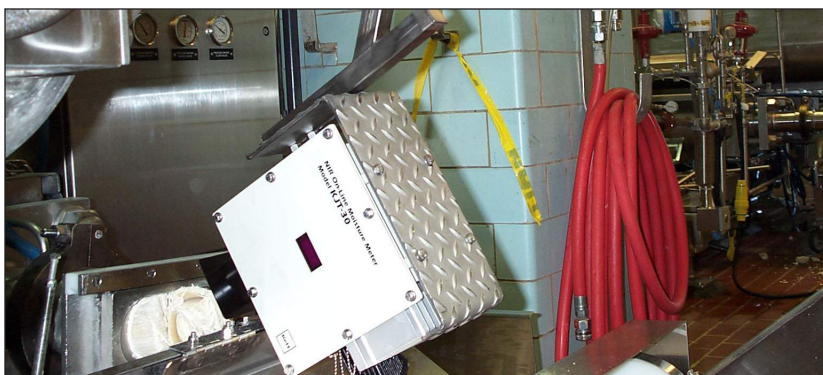
The KB30 uses reflected Near-Infrared light to measure product moisture in liquid and solid streams. With a refresh rate of 0.2 seconds, the KB30 can be used to measure extremely variable and rapidly changing products, as well as processes where quality is critical. When the monitoring capabilities of the KB30 are integrated with the Kett Tracker™ data collection and analysis software, improved error detection, defect analysis, and product quality result.

Wide Applications

The KB30 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 KB30. 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

Online Extruder Application



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 an order, or required additional guidance on model selection, please call toll-free!

Specifications

Model	KB30
Measurement Principle	Near-Infrared Reflectance
Measurement Range	Moisture 0.00-100.0%
Resolution	0.01%
Response Time	0.2 seconds/sample
Accuracy	+/- 0.01%
Measurement Diameter	33mm
Display	3 Digit Red LED
Output	4-20mA, RS485/232
Power	85-260VAC
Operating Humidity	0-90% RH, Non Condensing
Operating Temperature	0-30°C w/o Cooling
Weight (kg) (Net/Shipment)	7/11
Dimensions (mm)	270Hx130Wx220D
Warranty	
All Kett NIR analyzers are covered by a unique one-year Total Care 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 KB30 has a full One-Year Total Care 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!!

1-800-GET-KETT
1-800-438-5388

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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