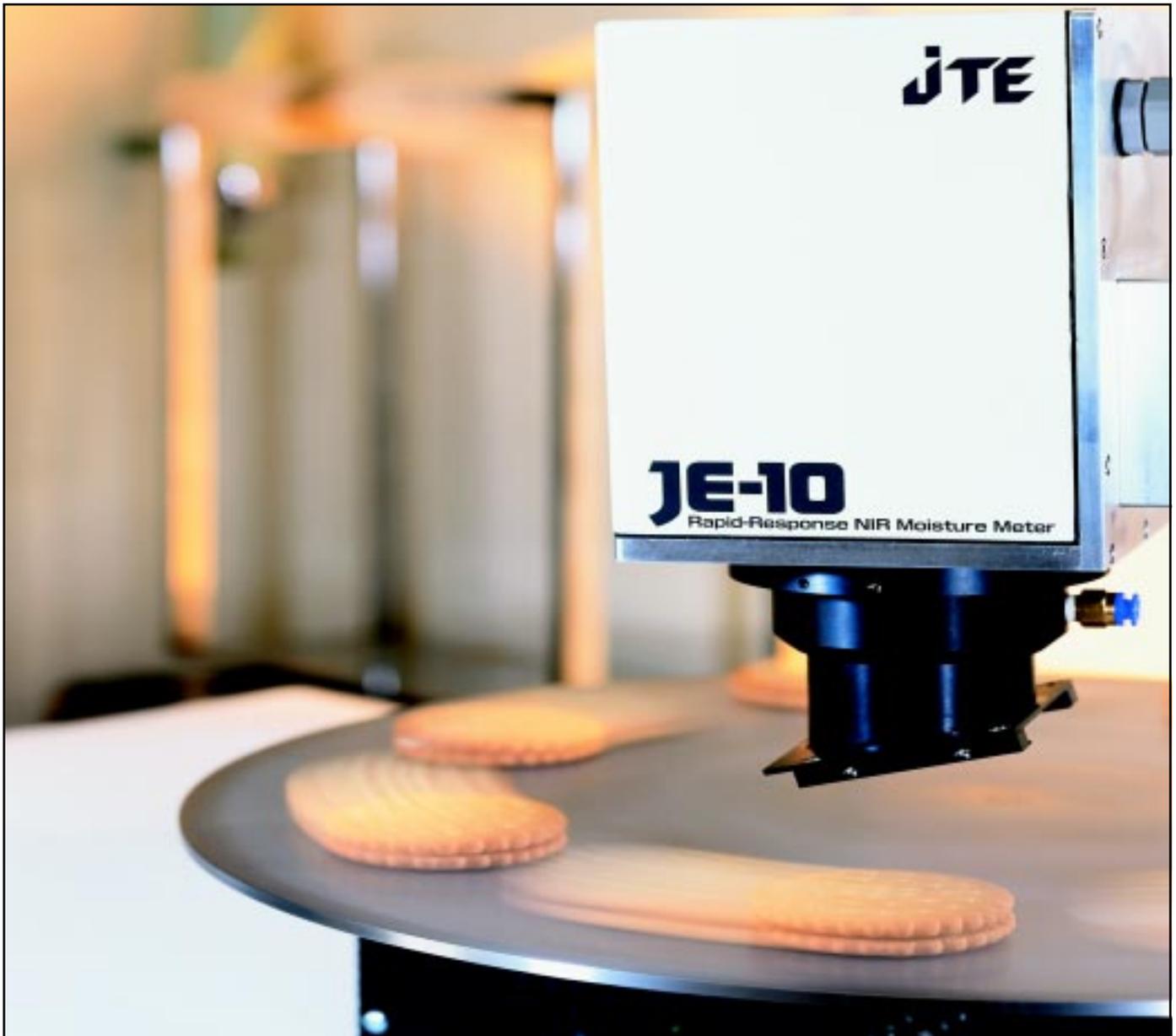


# HIGH SPEED NIR ANALYZER

**Kett**

*SCIENCE OF SENSING*

**Model KJT10**



**Kett**

*Tomorrow's Testing, Today !*

*1-800-438-5388*

## HIGH SPEED NIR ANALYZER

### *The World's Fastest Compact NIR Meter!*

The Kett KJT10 is the world's first compact on-line system that uses pulsed light through Infrared Emitting Diodes (IRED's) to measure product composition. With refresh rates of 0.1 seconds, the KJT10 can be used to measure products such as cookies, pharmaceutical dosages, consumer goods, or any production process where product is not continuously present. In addition, the rapid response of the KJT10 allows for discrimination of minute compositional changes when measured longitudinally or laterally (such as a paper or textile web). When integrated with the Kett Tracker™ data collection and analysis software, this capability can result in improved error detection, analysis, and elimination.

#### *Unsurpassed Reliability*

IRED's have no moving parts and generate minimal heat. The benefits of using IRED's are very long instrument life, the ability to function in very high or low temperature environments, and the elimination of the necessity to recalibrate when optical sources (high temperature lamps) or filter motors are serviced or replaced. IRED systems have been known to function for over ten years without repair or maintenance of any type. Kett's exclusive automatic temperature compensation, integrated reference mechanism and air purge ensure that all environmental conditions (steam, dust, etc.) are removed from calibration and measurements, providing additional stability and correlation to your reference measurement method.

#### *Wide Applications*

The KJT10 can be used to measure textiles, food products, pulp and paper applications, minerals, lubricants, and personal care products. In fact, almost any liquid or solid product can be accurately measured with the KJT10.

#### *Additional Near-Infrared Testing Devices*

Kett offers a complete line of NIR devices for 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 100 moisture meters and a complete line of physical property analyzers (friction, adhesion, thickness, etc.).

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

#### *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, Get Kett!



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**Sales, Support, Service**

## Specifications

Model	KJT10
Measuring Range	0.00 - 100%
Resolution	0.01
Accuracy	+/- 0.01%
Light Source	Near-Infrared Emitting Diodes
Focal Length	100-120mm
Measurement Diameter	20mm
Display	Red LED
Refresh Rate	0.2 Seconds
Output	4-20mA and RS-485
Power	85-260VAC
Operating Humidity	0-95% RH, Non-Condensing
Operating Temp.	0 - 110°F
Weight - Net/Ship (lbs.)	25/32
Dimensions (mm) Display Unit	260Hx125Wx125D 150Hx237Wx139D
Warranty 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 KJT10 offers a full **One-Year** Manufacturer's warranty. During this period, we will repair the product or replace any component should it fail to perform to specifications during normal wear and tear.

Kett's dependability 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!

**1-800-GET-KETT**  
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