### KJT, BSS, KB <u>Технические хара</u>ктеристики

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#### Handheld NIR Moisture Meter

Latest Handheld NIR analyzer. Replaces the KJT100. Advanced model for even more robust calibration and measurement stability.

The World's finest handheld NIR moisture meter, this unit operates on Camcorder batteries (or 110VAC) to provide unlimited portability. Simply point the meter at the liquid or solid to be measured, let the value on the LCD display settle and push the save button to capture the measurement.

When connected to a PC with Kett's Moisture TrackTM Software, moisture content can be continuously monitored without contact, sample preparation, alteration, or degradation of the product.

SKUKJT130

Weight	13 lbs
Dimensions	20 × 20 × 8 in



# KJT700 Instant Online Composition Analyzer Sensor Head

Enhanced online composition analyzer. May be used in any geometry. Will simultaneously measure moisture, protein, fat, oil, sugar, solvent, alcohol, coatweight and thickness depending on the product configuration. All tests are instant, non-contact, and non-destructive. Includes air purge snout and filter for minimal maintenance.

SKU KJT700

Weight	30 lbs
Dimensions	21 × 18 × 13 in



#### **Scanning Spectrometer**

The BSS1700 is a full scanning spectrometer with a wavelength range of 900-1700nm. Utilizing an InGaAs Array, this instrument provides unsurpassed measurement speed and low energy usage for great measurement stability.

This instrument has a fiber optic probe that allows for testing within spray dryers, fluid bed dryers, pneumatic transport lines and other hard to reach locations. It can also be used for lyophilized product vials and other small samples, as well as traditional tabletop uses.

SKU BSS1700

Weight	42 lbs
Dimensions	30 × 30 × 30 in



#### **KB30 On-Line Moisture Meter**

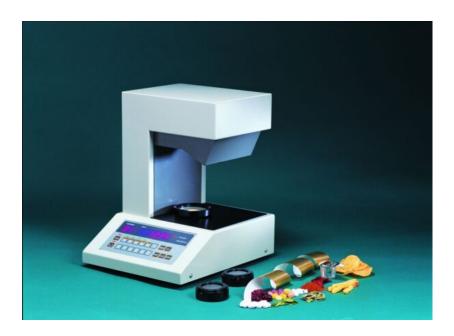
Entry level on-line process moisture analyzer. Utilizing smarthead technology, this system provides instant, non-contact, non-destructive measurement of liquids and solids.

May be mounted in any orientation. Small form-factor allows for simple placement when updating or retrofitting existing process lines.

Includes many of the features of our high-end system including external cooling, air purge and optical standard.

SKU KB30

Weight	22.8 lbs
Dimensions	16.5 × 15 × 11.25 in



#### **Advanced Desktop Moisture Analyzer**

This unique, moisture analyzer uses Near Infrared Light for instant non-contact, non-destructive testing of liquid and solid samples.

Multiple filters provide additional stability and increases robust nature of calibration. Includes Tracker software for calibration, measurement, and analysis of samples. Connects to the serial port of a PC for calibration and data tracking. Can be run without attachment to the PC once calibration(s) have been loaded into the KJT230.

Passwords protect calibrations from unauthorized alteration. An optional printer is available for printed output (without use of PC).

SKU KJT230

Weight	28 lbs
Dimensions	20 × 16 × 14 in

### Desktop - High Moisture Meter

This system is similar to the KJT200, but uses a 1450nm filter for very high moisture content (65%+) applications. Can measure to 99.9% moisture. Not as stable as the KJT200 in lower moisture ranges (less than 50%).

SKU JT200H

Weight	20 lbs
Dimensions	15 × 13 × 17 in



#### **Desktop NIR Moisture Meter**

Obsolete - Replaced by the KJT230.

A compact, easy-to-use unit for laboratory or near-line applications.

Put the sample into the disposable dish and place the dish on the turntable. The system detects the sample, the turntable rotates for six seconds of measuring, and the moisture percentage is displayed on the screen.

RS232 connectivity allows for automated data collection. With the KJT200's speed and accuracy, hundreds of samples can be tested every hour.

SKU KJT200

Weight	20 lbs
Dimensions	15 × 13 × 17 in



#### Handheld High Moisture NIR

Obsolete - Replaced by the KJT130.

The World's first and only handheld NIR moisture meter, this unit operates on Camcorder batteries (or 110VAC) to provide unlimited portability. Simply point the meter at the liquid or solid to be measured, let the value on the LCD display settle and push the save button to capture the measurement.

Can be connected to a PC with Kett's Moisture TrackTM.

This version is for high moisture (more than 65% moisture content samples). The KJT100H is not as stable as the KJT100 on lower moisture range samples (less than 50%).

SKU KJT100H

Weight	17 lbs
Dimensions	17 × 7 × 15 in



#### Handheld NIR Moisture Meter

Obsolete - Replaced by the KJT130.

The World's first and only handheld NIR moisture meter, this unit operates on Camcorder batteries (or 110VAC) to provide unlimited portability. Simply point the meter at the liquid or solid to be measured, let the value on the LCD display settle and push the save button to capture the measurement.

When connected to a PC with Kett's Moisture TrackTM Software, moisture content can be continuously monitored without contact, sample preparation, alteration, or degradation of the product.

SKU KJT100

Weight	12 lbs
Dimensions	17 × 7 × 15 in



# **High Moisture Meter**

Obsolete – Replaced by the KJT230H.

High moisture version of the KJT200.

SKU KJT200H

Weight	20 lbs
Dimensions	15 × 13 × 17 in



#### **High Speed Sensor**

Obsolete

The KJT10 is the world's first compact on-line system using 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.

When integrated with the Kett Tracker data collection and analysis software, this capability can result in improved error detection, analysis and elimination.

SKU JE10

Weight	32 lbs
Dimensions	24 × 24 × 18 in



#### **Moisture Meter NIR**

Obsolete

Special Order

**SKU** KJT30S

Weight	15 lbs
Dimensions	14 × 15 × 10 in



#### **On-Line Moisture Meter**

Obsolete

Entry level on-line process moisture analyzer. Utilizing smarthead technology, this system provides instant, non-contact, non-destructive measurement of liquids and solids.

May be mounted in any orientation. Small form-factor allows for simple placement when updating or retrofitting existing process lines.

Includes many of the features of our high-end system including external cooling, air purge and optical standard.

Please contact our office for configuration and pricing.

SKU KJT30

Weight	15 lbs
Dimensions	14 × 15 × 10 in



#### **On-Line Moisture Sensor**

Sensor Head included in KJT350 System. This sensor provides instant, non-contact, non-destructive measurement on liquids and solids.

The 4-20mA output can be used for automatic process control. The integrated display provides local monitoring of the process. The smart-head design allows the sensor to be operated without attachment to PC or controller.

SKU KJT330

Weight	35 lbs
Dimensions	22 × 18 × 12 in



#### On-Line NIR Moisture Meter

Obsolete

Special Order

SKU KJT330SH

Weight	35 lbs
Dimensions	22 × 18 × 12 in



#### On-Line with PC Controller

Obsolete

Designed for use on the production floor, moisture content can be transmitted to process control loops for automated monitoring and production optimization.

Integrated air purge, humidity, and temperature compensation provide measurement stability in the harshest of environments. The bright LED on the measurement head allows production staff to monitor levels without going to the control room. 99 product calibrations can be stored in each head, providing for years of product expansion and system utilization. The PC includes all cables and connectors needed to start operation.

Also included is Tracker, our integrated calibration, process monitoring and data collection system. This program provides a full relational database for data storage and analysis as well as real-time graphing program for process control.

SKU KJT350

Weight	35 lbs
Dimensions	22 × 18 × 14 in



#### **Sensor Head**

Obsolete – This unit has been replaced by the KJT330.

**SKU** KJT300

Weight	35 lbs
Dimensions	22 × 18 × 12 in



### **Special Near-Infrared Meter**

Obsolete

Special Order – High moisture or special purpose desktop moisture analyzer.

**SKU** KJT230SP

Weight	13 lbs
Dimensions	20 × 16 × 14 in



### **Special Order System**

Obsolete

Please call Kett for all special requests. Custom filter configurations will be priced on an individual quotation basis.

**SKU** KJT100SP

Weight	17 lbs
Dimensions	17 × 7 × 15 in

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