

# Near-Infrared Transmittance Rice Composition Analyzer



SCIENCE OF SENSING

Model AN900



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

## Rice Composition Analyzer

### *Instantly Measure Protein, Moisture and Amylose*

This simple-to-use instrument measures protein, amylose and moisture content in rice. The AN900 is factory calibrated to handle short and long grain brown rice as well as milled (white) rice. Testing can be accurately achieved without pre-processing the samples by husking and grinding that is often required in competitive devices. This dramatically reduces the overall test cycle allowing you to focus on improving product quality and not on sampling and prep work.

To test a sample, simply fill the sample case with rice and insert the case into the slot on the top of the AN900. In less than 30 seconds all of the measurement components are displayed on the large digital screen and output to your computer or optional printer.

### *Outstanding Measurement Stability*

Measurements are made using light transmittance (through the sample) utilizing Near-Infrared light spectra. When compared with near-infrared reflectance methods, the transmittance method used by the AN900 is unaffected by the shape and/or color of the sample, thereby providing improved precision and measurement stability.

The AN900 has no moving parts and is impervious to vibration and independent of the orientation of the instrument. This allows the AN900 to be utilized on the manufacturing floor, providing instant feedback to your staff. Integrated temperature compensation allows the grain to be tested at any stage of the process in any manufacturing environment.



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

In addition to the AN900, Kett manufactures over 200 instruments. Available for portable handheld, laboratory desktop or inline/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>Model</b>	<b>AN900</b>
<b>Measurement Principle</b>	Near-Infrared Transmittance
<b>Measurement Range</b>	Protein 4-12%, Moisture 10-20%, Amylose 10-40%
<b>Sample Volume</b>	Approximately 60ml
<b>Response Time</b>	30 seconds/sample
<b>Accuracy</b>	+/- 0.1%
<b>Resolution</b>	0.1%
<b>Display</b>	Product, Constituent, Value
<b>Ambient Temperature</b>	0-40°C
<b>Ambient Humidity</b>	0-85% RH (non-condensing)
<b>Power Source</b>	100-120V/220-240VAC max 50W
<b>Functions</b>	Average, Offset, Alarm, Auto-Off
<b>Display Type</b>	LCD (Digital)
<b>Communications</b>	RS232C
<b>Measurement Mode</b>	Single
<b>Weight (kg) (Net/Shipment)</b>	9/15
<b>Dimensions (mm)</b>	390Wx175Hx295D
<b>Warranty</b>	One Year Parts and Labor Maintenance Agreements available

### *Designed for Years of Stable Use*

The AN900 scans from 720-1100nm, providing very consistent and robust constituent analysis with the integrated PLS calibrations.

Kett stands behind the AN900 systems with a full **One-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 almost 60 years of design and manufacturing excellence, the AN900, like all Kett instruments, is the standard by which others are judged.

# 1-800-GET-KETT



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**Sales, Support, Service**