

GRAIN COMPOSITION TESTERS



SCIENCE OF SENSING

PQ500/PQ100 Grain Moisture Meters



PQ500/PQ100

Single Grain Moisture

These desktop systems provide fast, accurate moisture measurement on a single kernel basis for polished, brown and paddy rice, barley, wheat, and naked barley with the PQ500, or corn and soybeans using the PQ100. Samples are poured into the hopper, test parameters selected and the system started. The bright LED will display moisture, number of kernels tested, and the current time. An attached printer will document batch results by detailing average moisture, variance, standard deviation, test temperature, a histogram of moisture percentages, and individual moisture values. **Continuous systems for process dryers are also available.**

PQ500/PQ100

Measurement Range	9-40%
Calibrations	6
Printer/PC	Yes/Opt
Power	AC
Dimensions	350x200x350mm
Weight (lb/kg)	22/10



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

Grain Composition Testers



RICETER J Handheld Kernel Moisture

The largest selling moisture meter in the world, the Riceter sets the standard for handheld grain testers. To operate, place several grains of rice, wheat, barley or oats in the sample holder. Insert the holder and twist the integrated grinder. The sample is measured using the capacitance circuit and the moisture percentage is displayed on the large LCD. Testing takes less than five seconds, allowing for rapid analyses of many samples. Up to nine consecutive measurements can be displayed and averaged.

RICETER J	
Measurement Range	10-40%
Calibrations	5
Temp. Compensation	Yes
Power	4xAA
Dimensions	61x164x94mm
Weight (lb/kg)	3/2



RN500 Automated Rice Inspector

The rice inspector shines light on each individual grain of brown or polished rice to determine the color. Based on transparency/reflection, a line sensor determines shape characteristics to physically separate the sample into five classes. Up to 2000 grains can be tested per batch at a rate of 12 per second. Percentages for each class (even, cracked, immature, discolored, dead) are displayed and can be recorded when attached to an optional thermal printer. Selection levels can also be custom configured.

Handheld systems for manual inspection are also available.

RN500	
Measurement Gradations	5
Sample Quantity	1-2000 grains
Printer/PC	Opt/Opt
Power	AC
Dimensions	390x460x490mm
Weight (lb/kg)	33/15



C100/C300 Colorimeters

Meeting JIS standards, the C100/C300 provide accurate, repeatable color measurement in an easy-to-use design. Simply fill the sample container with rice or powder, close the top and insert into the system. Measurement values are displayed in two seconds. This sampling speed allows the processor to increase measurement frequency without adding numerous test stations and operators. Stability is ensured by using the color standard provided with each system.

Continuous systems for process analysis are also available.

C100	
Measurement Range	0-110
Calibrations	1
Printer/PC	Opt/Opt
Power	AC
Dimensions	300x530x105mm
Weight (lb/kg)	18/8

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 commercial applications. If your company needs fast, accurate measurements, call Kett!

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