

# Powder Whiteness Tester



Model C130

SCIENCE OF SENSING



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

# Powder Whiteness Tester

## Instantly Measure Whiteness and Purity

This simple-to-use instrument measures the whiteness of many powders. Examples are wheat and rice flour, starch, calcium carbonate, salt, sugar, and pharmaceuticals. Accurate measurement is achieved without pre-processing the samples 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.

## Simple Operation - Research Grade Results

To test a sample, simply pack the sample platter (cup) and place the sample onto the tray. Push the tray into the C130 and the measurement is completed in only two seconds. Results are displayed on the large integrated display.



• Pack the sample



• Place the sample into the tray



• Push the tray into the C130

## Outstanding Measurement Stability

Measurements are made using light reflectance, building on our 30+ years of experience developing and manufacturing whiteness meters. The C130 provides a substantial improvement over our industry-standard C100.

The C130 has no moving parts and is impervious by vibration and independent of orientation of the instrument. This allows it to be utilized on the manufacturing floor, providing instant feedback to your staff. Integrated temperature compensation allows the powder to be tested at any stage of the process in any manufacturing environment. The C130 automatically senses when it needs to be adjusted and notifies the operator.

## Improvements over our C100

The C130 has a footprint that is half of the C100 it is replacing. In addition, power consumption has been reduced by 59%, making it truly an eco-conscious decision.

Kett stands behind the C130 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 C130 like all Kett instruments, is the standard by which others are judged.

## Tomorrow's Testing, Today!

In addition to our unique C130, Kett manufactures almost 200 different instruments. Available for portable handheld, laboratory desktop or online process applications, if you have a measurement requirement, we offer solutions...today! If you need to measure whiteness - - accurately, quickly, and simply, wish to place an order, or require additional guidance on model selection, please call Kett toll-free!

## Specifications

Model	C130
Measurement Principle	Reflectance
Measurement Value	Whiteness
Light Source	LED
Measurement Range	5.0-120.0
Resolution	0.1
Calibrations	10 (including one factory)
Functions	Calibration Curve, Sensitivity adjustment notification, average, printer output
Sample Size	Approximately 5.5g (starch)
Measurement Time	2 seconds
Accuracy	+/- 0.1%
Resolution	0.1%
Ambient Temperature	5-40°C
Ambient Humidity	0-85% RH (non-condensing)
Power Source	100-240VAC
Power Consumption	16W Max, 4W Average
Display Type	Fluorescent tube
Communications	RS232C, Printer output
Weight (kg) (Net/Shipment)	7/10
Dimensions (mm)	375(W)x250(H)x220(D)
Included Accessories	Whiteness standard plate (w case), sample platters (5), Sample platter holder, spoon with spatula, blower brush, glass wipe, replacement fuse, power cord and adapter, instruction manual, sampling guide
Options	VZ330 Printer
Warranty	One Year Parts and Labor Maintenance Agreements available



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