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# **Kett** MODEL C-600 **DIGITAL WHITENESS TESTER - for Rice**



The Kett Model C-600 is a new instrument which replaces the well known Kett Model C-300.

For many years, the Kett Model C-300 has been recognized as the worldwide standard for whiteness assessment in rice.

Whiteness can be used as a measure of the amount of rice milling and rice purity to optimize the milling and formulation process. Through the advanced new design of the Kett C-600, tests are faster and more precise (repeatable). Also, the Model C-600 requires a much smaller footprint, lower energy consumption and minimal maintenance.

The Kett C-600 provides years of consistent measurement and is so simple to use. Anyone can achieve laboratory quality measurements in less than 2 seconds. Simplicity in its operation, just place the rice sample in the sample cell, then place the cell into the C-600, then the whiteness value is displayed on the large LED display.

The *Kett Model C-600 Whiteness Tester* is an effective and efficient quality control tool. This instrument is often used in measuring the effect of production processes.

The Model C-600 is specially designed to measure the whiteness of Rice Grains. Get It today...!



Kett Electric Laboratory

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## Kett Model C-600 Rice Whiteness Tester:

### ***Instant Whiteness Measurement***

Rice whiteness is a key indicator of the level of milling as well as the quality of the rice. For many years, Kett has been recognized as the worldwide standard in rice whiteness measurement. The C-600 builds on the tradition of the C-300, maintaining the quality and simplicity of that instrument.

In addition, The C-600 is lighter (3kg), requires a smaller footprint (23.5cm less depth), and has an ecologically improved design - the Blue LED light source provides superior life and requires much lower power and reduced heat.

In addition, the C-600's improved design allows the first measurement to be taken only 20 seconds after the instrument is powered.

### ***Simple Operation***

To conduct a test, fill the sample case and insert it into the C-600. Immediately the whiteness measurement will be displayed. The C-600 uses a large fluorescent display for enhanced visibility and low power consumption. Remove the case, the instrument optically resets and is ready for another test. To provide enhanced precision, each C-600 includes an unique filler and quantitative sample dish to ensure the same amount of rice is used each test.

### ***One Click Sensitivity Adjustment***

The C-600 includes an optical standard, ensuring that the instrument can always be returned to factory specifications.

Only one click and the instrument is immediately adjusted.

### ***Easy Maintenance***

Only one item needs to be cleaned: the glass filter.

We've designed the C-600 to allow you to easily remove the filter, clean it and replace it in less than one minute.

The C-600 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.



### **SPECIFICATIONS OF KETT MODEL C-600**

<b>Measuring Method</b>	Light Reflectance
<b>Product Measured</b>	Brown rice, Milled rice and Pre-washed rice (glutinous and non-glutinous)
<b>Measuring Range</b>	5° to 69.9° degree
<b>Measurement Value</b>	Whiteness
<b>Application</b>	Rice
<b>Readability</b>	0.1
<b>Display Type</b>	Fluorescent LED
<b>Light Source</b>	<b>Blue</b> LED
<b>Sample Volume</b>	Approximately 60ml
<b>Response Time Less</b>	Time Less than 1 second/sample
<b>Power Source</b>	Single Phase, 100-240VAC (50/60Hz) Maximum 35W / 60W
<b>Equipment Dimensions</b>	11.41" W x 11.61" D x 7.28" H (290 mm W x 295 mm D x 185 mm H)
<b>Shipping Dimensions</b>	16" L x 15" W x 11.5" H (406 mm L x 381 mm W x 292 mm H)
<b>Net Weight</b>	11.5 Lbs (5.2 Kg.) approx.
<b>Shipping Weight</b>	19.5 Lbs (8.5 Kg.) approx.



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