Kett

SCIENCE OF SENSING

C-130

Powder Whiteness Tester

株式会社ケツト科学研究所

Powder Whiteness Tester C-130

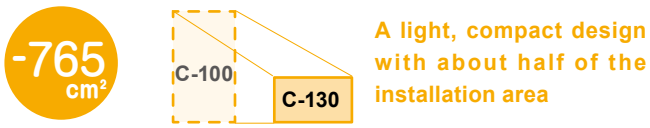
Quickly measures the whiteness of powders.

This instrument measures the whiteness of various powders, such as starch, wheat, sugar, drugs and cement.
It is smaller and lighter than the conventional C-100. The amount of sample required for measurement has been reduced by redesigning the sample case. In addition, sample packing has been made easier. Less time needed for preparation and a shorter warm-up period sensitivity adjustment time at start-up results in faster measurements. The use of LEDs for the light source means lower power consumption and internal heat. Regular cleaning of the glass filter is necessary for accurate measurements. A redesigned filter section simplifies cleaning.
Its compact size and its ability to carry out small-sample, low-power measurements makes the C130 a truly eco-friendly machine designed for eco-friendly times.

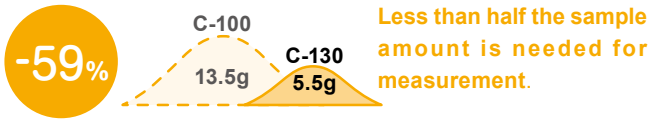
• A compact, ecological design

Reduced depth compared to the conventional C-100 requires about half the installation area. The sample volume required for measurement is also significantly reduced. The use of blue LEDs for the light source means a longer light source lifespan, and lower power consumption and internal heat.

Installation Area



Amount of sample required for measurement (for starch)



• Quick start-up and easy measurement

Ready for measurement in about 20 seconds from start-up. To make a measurement, simply pack the sample (1) and set it into the measurement area (2) and (3).

• Automatic sensitivity adjustment notification

Sensitivity can be checked at any time by measuring the included whiteness standard, which has been adjusted for each machine. In the conventional C-100, sensitivity adjustment was carried out for each measurement. This is unnecessary in the C-130, which automatically notifies the user if an adjustment becomes necessary. Simply set the standard into the machine and click the key to begin sensitivity adjustment.

• Easy maintenance

Remove the tray and tip the machine onto its back so that the glass filter and rail are visible from the bottom. Cleaning can be carried out easily using the included glass wiper and brush.

■ Specifications : Whiteness Tester C-130

Measurement method	Reflectance
Measurement objects	Various types of powder
Item of measurement	Whiteness (different from JIS whiteness)
Range of measurement	5.0-120.0
Resolution	0.1
Amount of sample	Approximately 5.5g (for starch)
Display method	Fluorescent display tube
Functions	User calibration curve, sensitivity adjustment notification, average, printer output
Temperature and humidity range	Temperature: 5-40°C Humidity: 30-85% (no condensation)
Light source	Blue LED
External output	RS-232C
Power source	100-120VAC, 220-240VAC (50/60Hz)
Power consumption	Maximum: 16W Normal: 4W (in all cases: AC100-120V, AC220-240V)
Dimensions/weight	375 (W) × 220 (D) × 250 (H) mm / 7.0kg
Accessories	Whiteness standard plate, whiteness standard plate case, sample platter×5, sample platter holder, spoon with spatula, brush, blower brush, glass wiper, replacement fuse, power cord, power plug conversion adapter, instruction manual, easy guide to sampling

KETT ELECTRIC LABORATORY
1-8-1 Minami-Magome Ota-Ku,Tokyo 143-8507 Japan
Tel.+81-3-3776-1121 Fax.+81-3-3772-3001
URL http://www.kett.co.jp/ E-mail overseas@kett.co.jp

Management System Enhancement Department of the Japanese Standars Association (JSA) registers the Quality Management System of the avove organization, whith conform to JIS Q 9001,ISO 9001.
The Scope of the Registration.
Design,development and production management of Moisture Testers,NIR Composition Analyzers,Grain Inspectors and Coating Thickness Testers. Calibration and repair of Moisture Testers,NIR Composition Analyzers,Grain Inspectors and Coating Thickness Testers.

VEGETABLE OIL INK This brochure uses environmentally friendly "vegetable soy ink" and waste paper blend recycled paper".

For orders, please contact :