

NIR Rice Composition Analyser

Model AN-920

*Non-destructive
measurement compositions*



NIR Rice Composition Analyser Model AN-920

Nondestructive measurement of the amount of moisture, protein, and amylose of brown rice or milled rice

This is a composition analyser capable of measuring the composition, such as moisture, protein, and amylose, of brown or milled rice by a nondestructive measurement method.

The transmission type near-infrared spectroscopy is adopted as the measurement method. The near-infrared ray is irradiated to the sample, and the transmitted light will be detected and used for calculation. Specially, this unit is equipped with a spectroscope using a diffraction grating, and high accuracy wavelength spectrum is provided allowing stable measurement.

This unit is ready-to-operate, since the calibration curves of short brown rice and short milled rice are pre-input. And the results can be output to a printer or PC. The necessary daily adjustment of the unit can be performed easily using the supplied standard sample.

Also, the touch-panel allows easy operation. And the low price is achieved due to the simple mechanism.

Analysing composition of rice using AN-920 will help farmers, rice factories, and dealers to objectively and scientifically perform quality control.

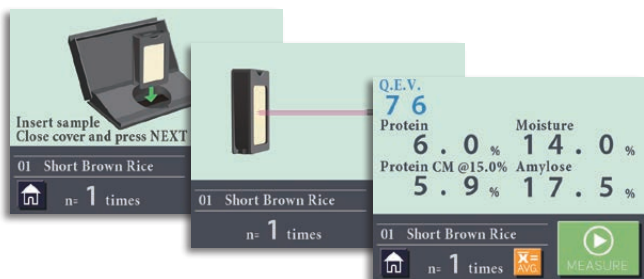
• Easy operation

- 1 Fill the case with sample grains.
- 2 Set the sample case following the displayed instructions.
- 3 After a key operation, the analysis will be completed in approximately 40 seconds.



• Large touch panel

5.7" color LCD allows easy to see the measurement results. Also, helps operators by displaying the next procedure.



Specifications

Measurement method	Near-Infrared transmittance
Light source	Tungsten lamp (bulb life: 20,000 hours)
Applications	Short brown rice, Short milled rice
Components to be measured	Moisture, protein, amylose (ref. value)
Sampling amount	Approximately 60 mL
Number of calibration curve memories	4 components × 8 channels
Measuring time	Approximately 40 sec.
Operating temperature	10 to 35 °C
Display	5.7" Color LCD touch panel
External output	RS-232C, USB, TCP/IP
Power supply	100 V - 240 V AC (50/60 Hz)
Maximum power consumption	40 W
Dimensions and weight	230 (W) × 400 (D) × 250 (H) mm, 8.5 kg
Accessories	Power cable, Sample case × 2, Sampling cup, Fuse, Standard sample (Brown rice × 1, Milled rice × 1, with storage container), Operating manual
Options	Printer VZ-800, Data logger software NDL-02

Accessories



Option



Printer VZ-800

Associated devices



Rice Whiteness Tester C-600

Kett

KETT ELECTRIC LABORATORY

1-8-1 Minami-Magome, Ota-ku, Tokyo 143-8507, JAPAN

☎ +81-3-3776-1121 ☎ +81-3-3772-3001

🌐 <http://www.kett.co.jp/> ✉ overseas@kett.co.jp

Management system enhancement department of the Japanese Standards Association (JSA) registers the Quality Management System of the above organization, with conform to JIS Q 9001, ISO 9001.

The scope of the registration.

Design, development and production management, calibration and repair of Moisture testers, NIR composition analyzers, Grain inspectors and

Contact



This brochure uses environmentally friendly "vegetable soy ink" and