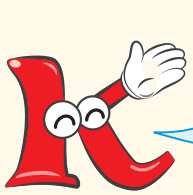
Grain Appearance Analyzer RN-700E
Easy Measurement Guide



This guide briefly explains the measurement procedure of RN-700E.
Put this product on a horizontal place and turn on the power in advance. Then, look over the instruction manual beforehand as a matter of course.

KETT's mascot, K-chan

1. Sample collecting

Use the supplied measuring spoon and collect an appropriate amount of sample.







To ensure accuracy in grain contour identification, it is recommended to collect samples of 800-1200 grains for short rice and 500-1000 grains for long rice. The photo shows an example of 1100 grains of short brown rice and 500 grains of long milled rice.

2. Sample spreading

Put the sample on the sample tray and shake the tray in the right, left, front, and back directions to spread the sample uniformly and prevent the sample from being overlapped.





Put in the center roughly



Shake and spread. This is the only point.





Hard to spread the sample?
Tap the portion to be spread of the tray from the bottom with your fingers.







Each grain is not overlapped each other and is spread uniformly, and most of the grains do not come into contact with the black frame



The grains gather on one side and many grains come into contact with the black frame



The grains gather in the center and are overlapped each other



The grains that are overlapped or come into contact with the black frame are excluded from measurement.

3. Tray inserting into the main unit

Insert the sample tray into the tray inlet carefully by taking three to four seconds.



If the tray is vigorously inserted, the sample moves to one side or overflows inside the device in reaction. Therefore, be careful when the tray is inserted!

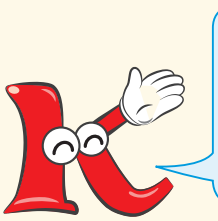
Insertion of the tray to the end automatically starts and completes measurement.





How easy!

Grain Appearance Analyzer RN-700E
Maintenance Guide



If you leave overflowing sample inside the device or on the tray, mold is gathered or bugs come. The state makes you not only feel sick but also fail in correct measurement. Therefore, do not miss cleaning.
Here are some tips for cleaning or maintenance below.

KETT's mascot, K-chan

After measurement

Collect sample briefly

After measurement, you can collect sample easily by inserting the sample tray into the supplied sample collection tube and dropping the sample into the tube.



Sample collection tube/accessory

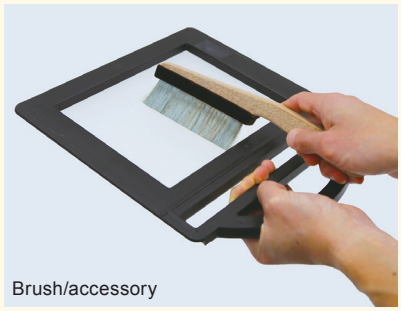


How easy to collect sample! Collected sample can be put back to a tray or a bag.

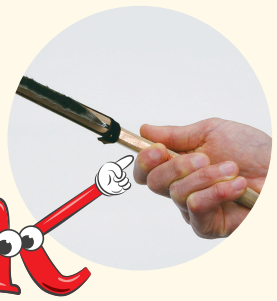


Cleaning of sample tray and removal of static electricity

If rice bran or the like gathers along the edge of the sample tray, use the supplied brush to clean it off. If the tray is charged with static electricity, the sample is resistant to spread uniformly. The supplied brush is equipped with the function of static electricity removal, and accordingly, brush the tray surface even in such a case.



Brush/accessory



The brush bristles are made of a conductive material, and are connected to this copper plate of the handle. Brushing by holding the handle can remove static electricity of the tray!

If the tray became considerably dirty, which cannot be cleaned with the brush, clean it by referring to "■ Cleaning of sample tray" of the instruction manual.

Movement of device

Do not move the main unit with the tray holding the sample inserted into the main unit. Failure to observe this may cause the sample to overflow inside the device.

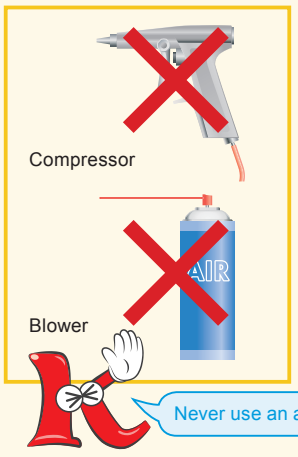


The tray is still in the main unit! Never do it! Remove the tray!

Do not move it with the tray inserted.

Cleaning of device interior

If sample or others overflow inside the device, attach the supplied cleaning nozzle to a commercially available vacuum cleaner, put the nozzle into the tray inlet, and suck inside.
Never use an air blowing type device. Failure to observe this cause dust to disperse, which may cause dust to adhere to the internal lens and reflector.
In addition, overflowing sample or others can be taken out from the outlet on which the rubber lid on the back side of the device is put. Refer to the operation manual for further information.



Never use an air blowing type!



Cleaning nozzle/accessory

Recommendation of regular inspection

In order to check and maintain the performance of this product, we recommend that the product undergo a periodic inspection. While timing depends on product usage frequency, a good guideline would be about once a year. If the product is not used but stored for a long period of time, we recommend that the product undergo an overhaul.
Contact your dealer or us for further information.

KETT ELECTRIC LABORATORY Co. Ltd.
1-8-1 Minami-Magome, Ota-ku, Tokyo 143-8507, JAPAN
☎+81-3-3776-1121 +81-3-3772-3001
https://www.kett.co.jp/english/ overseas@kett.co.jp