

**KASON-GW Digital display grain hardness tester feed hardness tester****Product instruction**

KASON-GW digital display grain hardness tester feed hardness tester is suitable for scientific research and teaching in agricultural industry. It is specially used to test the hardness of grains (wheat, rice, rice, feed particles, etc.). It adopts advanced force measurement technology and has the characteristics of high test precision, strong intuitive instrument indication, high resolution, simple operation, durability and reliability. Moreover, the appearance is beautiful. It can be measured by hand at the acquisition site or tested on the laboratory workbench.

**Functional features**

1. It makes the measurement of particle hardness easier and the reading intuitive. All the pressure heads are made of stainless steel, which makes the measurement accurate and prolongs the service life of the instrument.
2. It adopts high-precision pressure sensor and liquid crystal display. The reading is intuitive and accurate. It can continuously measure the hardness values of grain, feed and so on.
3. Automatic display, automatic latch, automatic reset and automatic cycle test
4. Digital display, easy to read and high precision.
5. Light weight, small size, easy to carry.
6. Unit display: kg and N units can be automatically converted).
7. The battery has short circuit, leakage and overload protection. The battery has low battery prompt. It is powered by 3.7V lithium battery. At the same time, it will shut down automatically if there is no operation for ten minutes.
8. There are two measurement modes: real-time and peak free switching.

**Specifications**

Measurement range: 20kg 196N (two units of kg and N can be automatically converted))

Display mode: liquid crystal display

Pressure method: Manual

Measurement accuracy:  $\pm 0.2\%$

Resolution: 0.01kg

Power supply: DC 3.7V lithium battery

Charging power supply: 220V / AC

# FOCUS IN MATERIAL TEST

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