HOLDPEAK 8032G
User's Manual

1.General

This Tester can be used to measure the moisture and temperature of different grains.It is applicable to allocating,
Purchasing,storing and processong and processing packaged grains.With this Tester ,the moisture ang temperature of the grains can be rapidly and exactly measured.

2.Features

- ✧ Microcomputer technology(CPU)allows exacter measurement
- ✧ Temperature auto-compensation function
- ✧ Large LCD screen with backlight ensures clear reading and avoids parallax
- ✧ Backlight control switch helps saving power
- ✧ Power supplied by a 6F22 9V battery with auto reminder while low battery
- ✧ Firmly and delicately structured;durable electronic components adopted;light but solid ABS plastic-made shell;good appearance,portable and user friendly
- ✧ Measurable grains include:wheat,paddy,rice,corn

3.Specifications

Moisture measuring range:2% to 30%

Maximum error:±(1%Rh+0.5)

Resolution:0.5%

Temperature measuring range:-10℃ to 60℃

Maximum error:±2℃(±4℉)

Resolution:1±/4℉

Operative temperature/humidity:

Temperature:-10℃ to 60℃

Humidity:0 to 70%Rh

Weight:

(Including probe but battery)

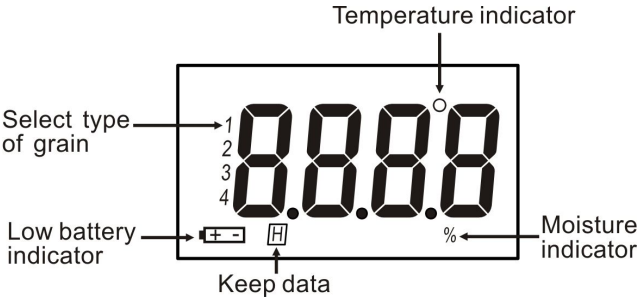
Dimension:134*30*74(Tester)

365*25*43(Probe)

Accessories:

(1).Probe container	1
(2).User's Manual	1
(3).Probe	1

4.Display



5.Faceplate

(1)Probe

(2)Plug of probe

(3)Plughole of probe

(4)Displayn

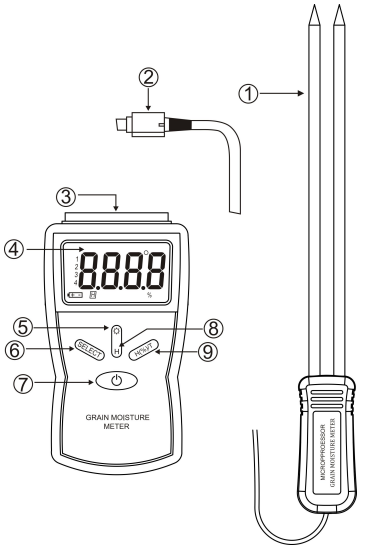
(5)Backlight switch

(6)Grain Type Switch button - switches type of grain when displaying moisture;switches between ℃ and ℉ when displaying temperature.

(7)Power button

(8)Deselect Hold button

(9)Moisture/Temperature Display Switch button



6.Operation

(1)Install the battery and press the “POWER”button to turn the Tester on.

(2)Press the “H(%)T”button to select what to measure:the moisture of the grain being measured or the temperature where the probe is in.When measuring moisture,the Tester displays “XX.X%” ;when measuring Temperature,the Tester displays“XXX℃”。By default,the Tester is ready for measuring the moisture upon turned on.

(3)Measuring the moisture of grain:make sure the Tester is ready for testing the moisture,press the “SELECT” button to select the type of the grain(in the display,1standards for wheat,2 standards for paddy,3 standards for rice and 4 standards for corn) you want to test,and insert the probe into the grain to measure its moisture.The reading displayed in the Tester is the measure of the grain.In the process,the “HOLD” button is the Hold button of data.Press it for the first time to select data hold function(icon “H”displays),and press it again to disable the function(icon “H” disappears).

(4)Measuring temperature:the Tester is able to display approximate temperature of the environment where the probe is in.Press the “SELECT” button to switch between℃and℉(℃ by default).

(5)When complete,press the “POWER”button to turn the Tester off.It goes in Sleep state.

(6)Turn on/off backlight of the screen.

7.Attentions

(1)As a meter with high resistance,each section of this Tester is of good insulating features.When using and storing,keep the Tester away from humidity or dust and keep it dry and clean,to avoid reducing accuracy of the Tester.

(2)When measuring moisture using the probe,the pressure of the grain can grestly influence the result of the measurement.The result can be exact when the grains are not placed in layers.But when being placed in layers,the grain in underlayers can have bigger pressure that may cause the result being higher than actual.In such case,the result should be corrected by counteracting the influence of the pressure according to the accumulated experiences. The more moisture the grain contains,the greater the influence of the pressure will be.

When the moisture is lower than 13%,the pressure may have slight influence on the result of measurement.

(3)When measuring the grains that are placed in layers using the probe,though the moisture the grains contain may be high,the result of the measurement can be exact (± 5%) as long as you counteract the influence of the pressure according to your accumulated experience.However,if you consider accuracy of the measurement as critical,you can place the grains without layering ,and insert the probe from the top down.You can also compare the results from measuring grains placed in layers and not in layers to summarize experience.

8.Change Battery

(1)When the voltage of the batter is lower than a specified value,the Low Battery icon “  ” displays,indicating
That the battery should be changed.

(2)Open the battery cover and remove the battery.

(3)Install a new battery according to the signs on the battery box .

(4)Remove the battery if the Tester will be left unused for a long time to avoid leakage of that may damage the Tester.

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