

GRAIN MOISTURE METER

TK100G






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The Grain Moisture Meter TK100G is used for fast and accurate measurement of moisture in the process of allotment, acquisition, storage, machining of packed grains, Barley, Corn, Hay, Oats, Rapeseed, Rough Rice, Sorghum, Soybeans and Wheat.

2. Specification





Display: Digital LCD with backlight
 Measuring range :6~30%
 Operating conditions:
 Temperature:0~60°C
 Humidity:5%~90%RH
 Resolution:0.1
 Accuracy: ± 0.5(n+1) %
 Operating principle:
 Electrical conductivity,
 Automatic temperature
 Compensation
 Power supply:
 4x1.5 AAA size (UM-4) battery
 Dimensions:
 460x75x35mm
 18.3x3x1.4 inch
 Weight:
 203g (not including batteries)

Thanks for choosing our moisture meters!
 For your easy to master this instrument as soon as possible, please read following instructions carefully and always keep this meter within easy reach.

- into the materials straightly. The probes are more deeper, the value is better.
- 4.3 Depress Hold key , the symbol "max" will be showed on display, then the max value must be stored on display when measuring. Depress the key  again, this function will be canceled.
- 4.4 Choose the suitable code for different grain. Depress the key  and not release until the "CDXX" showed on display, then press  or  key to choose your needed code. Please

refer to the table in 8.0

5. Warning setting

- 5.1 Depressing key  and don't release until "AL2" showed on display(it will takes 5 seconds to complete operation), then press key  or  to choose your suitable value according to your need, press key  again back to the operation state.
- 5.2 Setting the "AL1" just the same ways as "AL2".
- 5.3 Usually, "AL2" must larger than "AL1", if the "AL2" less than "AL1" during setting process, then the instrument will be returned back the

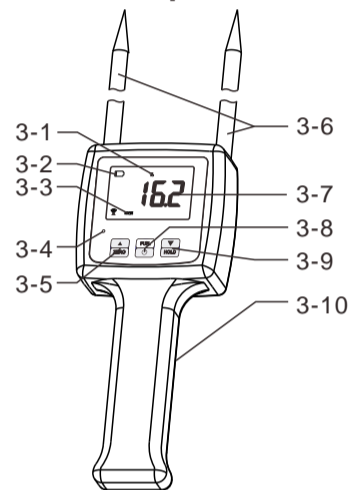
1. Features:

- 1.1 It is portable, compact, easy to use and the moisture measurement readings are instant.
- 1.2 Digital display with back light gives exact and clearly reading although you stay at the somber conditions.
- 1.3 It will save time and expense by monitoring dryness and helps to prevent deterioration & decay caused by moisture whilst in storage, therefore processing will be more convenient and efficient.
- 1.4 The moisture meter operates by electrical

conductivity and has automatic temperature compensation.

- 1.5 Measurements are taken by inserting the sensors into the bale of grains .
- 1.6 Manual off at any time. Auto power off after 5 minutes from last operation.



3. Panel descriptions



- 3-1 % symbol 3-5 zero/inc key
 3-2 low battery 3-6 pin probe
 3-3 max symbol 3-7 testing value
 3-4 warning light

- 3-8 power/function key 3-9 hold /dec key
 3-10 battery cover

4. Operation procedure

- 4.1 Turn on the power key , the symbol "0.0" will be showed on display. It will need zeroing if showed other value, please depress  key while the probe sensor without touch anything, or zeroing is not efficient. make zeroing can decrease the effect from the temperature and humidity in the air.
- 4.2 Hold the instrument with your hand, insert the probes

factory setting, just to say, AL1=13, AL2=18.

6. Replace batteries

When battery symbol showed on display, it must replace the batteries in time. Slide the batteries cover, put the batteries into the hole correctly.

7. Notes:

Please take out the batteries if the instruments without use for a long time.
 Put the probe in the air without touch anything when zeroing, or the zeroing is not efficient.

8. code table

CODE	GRAIN
Cd01	Wheat/Rye
Cd02	Maize/Corn
Cd03	Soya Beans
Cd04	Paddy
Cd05	Rice
Cd06	Barley/Oats