

SINGLE KERNEL MOISTURE TESTER **CTR-500FS**

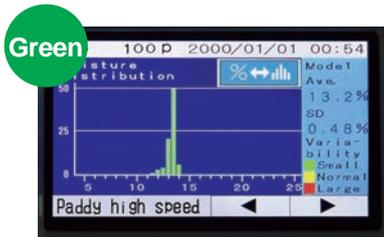
Used to quickly distinguish moisture content when grains enter the warehouse.

Used to measure standard deviation when drying is complete.



Outcome of poor drying grains can quickly be found on LCD screen

Instantly determine moisture distribution. The Green, Yellow, and Red color-coded results offer quick and clear moisture distribution indication. View moisture variation across grains on the LCD screen at a glance. Drying time is varied by moisture content and variation of grains. Checking variation of moisture distribution of grains will prevent over drying accident.



Small numbers

Moisture content and variation of grains

Large numbers

Fast measurement for paddy

You can greatly reduce the working hours by achieving double speed of normal mode with "High Speed Mode for paddy".



Single kernel measurement

One kernel at a time measurement provides more accurate reading than handheld moisture meter.

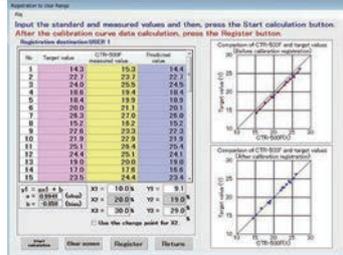


Features



Intuitive color touch screen

Simple and easy to use with a large LCD screen.



Development and modified calibration curve

Customize calibration curves using the application, saving up to 9 calibration curve data sets.

App download location (<https://reurl.cc/546LOV>)

*App interface language options: English, Japanese



Data can be stored on an SD memory card

Data Storage and Capacity: Data can be saved onto SD memory card. For instance, Memory storage for up to 2.6 million measurements results/1GB. Date could be exported to PC.

*SD cards must be 32GB or smaller to store and read data.



Measures wide variety of grains (Compatible with long grain species)

CTR-500FS series is capable of measuring Chinese long kernel, Indonesian long kernel: paddy, brown rice, and white rice.



Wide moisture measurement range

CTR-500FS series provides measurement of paddy and wheat with up to 40% moisture. High moisture content of grains can also be measured.

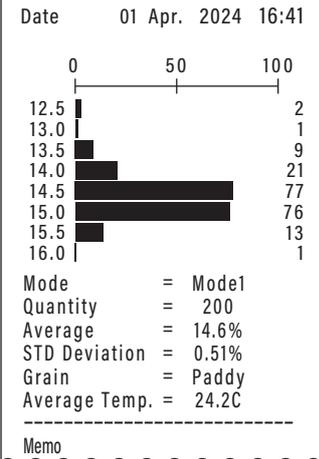


Internal printer (as shown right)

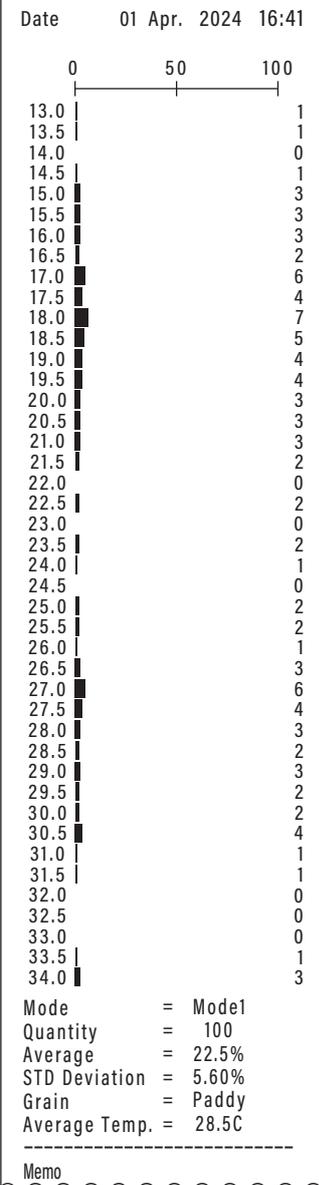
Remaining kernels and crushed kernels are separated into different trays.

Print-out sample

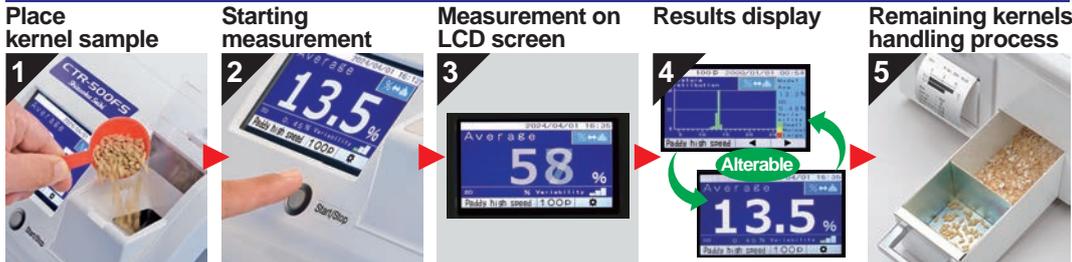
Small deviation of paddy moisture after drying



Large deviation of paddy moisture after harvest



How to use



Place kernel sample into measurement basket.

Press Start/Stop button, then measurement start.

Counting quantity of kernels.

Specifications

Item	Model	CTR-500FS	
Method	Direct current resistance	Brown rice*	11.1%~approx. 20%
Electrode	2 roller, Rotation ratio 2:1	White rice*	11.4%~approx. 20%
Display type	Color liquid crystal touch panel	Wheat*	10.2%~approx. 40%
Printing method	Thermal type	Barley*	9.0%~approx. 36%
Selectable language	Traditional Chinese, English, Japanese, Hangeul, Simplified Chinese	Rye*	11.4%~approx. 30%
		Buckwheat*	11.1%~approx. 30%
Print character	Traditional Chinese, English, Japanese	Long brown rice#	10.2%~approx. 20%
Voltage	AC110V-120V 50/60Hz	Long white rice#	10.6%~approx. 20%
Power consumption	120VA	Standard	10.0%~approx. 45%
Dimensions mm	W246×D293×H310 (Not including protrusions)	In drying paddy*	11.0%~approx. 40%
		Paddy*	10.0%~approx. 40%
Net weight kg	11.2	Long paddy#	9.2%~approx. 40%

Kernel types Measuring range
The ambient temp. is 20°C

* Produce of Japan
Indonesian long kernel, Chinese long kernel

* The specification and graph are for reference only. Actual specification of SUNCUE product shall be based on the Sales Confirmation which customers sign and delivered products. • Notice to measurement: The moisture content will be different because of region, ambient temperature, relative humidity and grain types. Please make calibration according to the national standard. Such as oven-dry method: by putting 5g of ground grain in an oven, drying at 105°C for 5 hours or make tabulation table by comparing the moisture content tested from the local Food Administration. Referring to the tabulation table to obtain the accurate grain moisture content.
• Some types of grain may have difficulty analyzing. • Measuring range may differ by ambient temperature.



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