

New Riceter fg-523 Grain Moisture Tester



Kett was the first company in Japan to develop a practical grain moisture tester. Since that time, we have relentlessly pursued the further development of grain moisture testers. The compact, light weight familiar of Riceter moisture testers began with the introduction of the Riceter model in 1961. The Riceter has continued to evolve through a series of models such as the II, 2, 3, D, L, E, J, m, f and fg.

Kett has introduced the latest generation, Riceter fg-500 series since 2019. The Riceter fg-500 series is a completely new design based upon the extensive know-how that Kett has accumulated with Riceter fg-500 series. The Riceter fg-500 series was designed to be an even more reliable moisture tester providing even greater ease of use. Kett believes that an excellent measuring device must be both reliable and easy to use. The Riceter fg-500 series is the fulfillment of Kett's commitment to produce reliable, easy to use products and Riceter fg-523 is one of specialized model of Riceter fg-500 series.

Special Features

- Exclusively designed for Bangladesh
- LCD display with backlight
- Average moisture content anytime between 2-9times
- Automatic temperature compensation
- All applications calibrated by 135°C · 1hr (Except Jute Seed)
- Jute Seed calibrated by 103°C · 17hrs
- Durable for tough tropical conditions
- Field type with hard protect casing

Specification

Measurement method	Electric resistance
Accuracy	0.5% (SEC, 6 -20% range)
Operating temp.	0 to +40°C
Display	Digital LCD with backlight illuminator Minimum display digit, 0.1%
Power source	1.5V batteries x 4
Number of calibration curves	9
Dimensions and Weight	164(W)x94(D)x65(H)mm, 0.45kg approx./ Main unit only 310(W)x150(D)x120(H)mm, 1.8kg approx./ Shipment gross
Accessories	Sample tray(2), Spoon with tweezers(1), Cleaning brush(1), Battery(4), Carrying case(1), Maize Mill(1), Rice husker "TR-130"(1), Operating manual(1), Inspection certificate(1)

Applications, Measuring range & Accuracy (Ver.d004)

#	Applications	Abbreviation	Range(%)	Accuracy *
1	Aus Paddy	PAUS	9-30	0.5% (SEC)
2	Aman Paddy	APAD	9-30	
3	Boro Paddy	BPAD	9-30	
4	Hard Wheat	HWEA	9-30	
5	Soft wheat	SWEA	9-30	
6	Jute seed	JUTE	6-30	
7	Maize	MAIZ	9-30	
8	Parboiled rice	PERB	9-20	
9	White/Atap rice	ATAP	9-20	

* : Accuracy

- Compared to reference drying oven method with less than 20% range
- SEC : Standard Error of Calibration