

Kett

SCIENCE OF SENSING

Riceter*f* Series

Grain Moisture Tester



Photo : Riceter model f 501

KETT ELECTRIC LABORATORY

Riceter f-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 I in 1961. The Riceter has continued to evolve through a series of models such as the II, 2, 3, D, L, E, J and m. Kett has introduced the latest generation, Riceter f-500 series. The Riceter f-500 series is a completely new design based upon the extensive know-how that Kett has accumulated with Riceter f-500 series. The Riceter f-500 series was designed to be an even more reliable moisture tester providing even greater ease of use. Kett believe that an excellent measuring device must be both reliable and easy to use. The Riceter f-500 series is the fulfillment of Kett's commitment to produce reliable, easy to use products and Riceter f-523 is one of specialized model of Riceter f-500 series.



Special Features

- *Exclusively designed for Bangladesh*
- *No special grinder necessary for Maize only 3-4pcs of whole grain*
- *LCD display with backlight*
- *Average moisture content anytime between 2-9times*
- *Automatic temperature compensation*
- *All applications calibrated by 135°C · 1hr*
- *Durable for tough tropical conditions*
- *Field type with hard protect casing*

Riceter f-523 General Specifications:

| | |
|---------------------|----------------------------------|
| Measuring principle | :Electric resistance |
| Accuracy | : $\pm 0.5\%$ (SEC, 9-20% range) |
| Operating temp. | :0 to +40°C |
| Display | Digital LCD |
| Power source | :1.5V batteries x 4 |
| Dimensions | :65(H)x164(W)x94(D)mm |
| Weight | :Net 0.5kg approx. |

Applications, Measuring range & Accuracy (Rf-523)

| # | Products | Range(%) | Accuracy (%) |
|---|-----------------|----------|--------------------|
| 1 | Aman Paddy | 9.0-30.0 | +/-0.5 (9.0-20.0%) |
| 2 | Boro Paddy | 9.0-30.0 | +/-0.5 (9.0-20.0%) |
| 3 | Hard Wheat | 9.0-30.0 | +/-0.5 (9.0-20.0%) |
| 4 | Soft Wheat | 9.0-30.0 | +/-0.5 (9.0-20.0%) |
| 5 | Parboiled Rice | 9.0-20.0 | +/-0.5 (9.0-20.0%) |
| 6 | White/Atap Rice | 9.0-20.0 | +/-0.5 (9.0-20.0%) |
| 7 | Maize | 9.0-30.0 | +/-0.5 (9.0-20.0%) |

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