



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 many kind of moisture testers. The compact, light weight familiar of jute moisture testers began with the introduction of Jute Moisture Tester in 1991.

The jute moisture tester has continued to evolve through a series of models such as the MT-8AS, MT-8AS-S, HX-400 and now this HX-410 is special design for Bangladesh market by calibrating Bangladesh Jute & Jute fiber. HX-400 is modified to HX-410 which has multiple functions for measurement, print-out, data logging, data transfer and user create calibration curve.

It can be used for jute bag, bale, raw jute and finished jute products. You can measure the moisture content of them, just the way it is - with no modifications. The HX-410 is ideal for quality control purposes and inspection of Jute & Jute products during trading, dealing and production.

## Special Features

- Exclusively designed for Bangladesh.
- Dual display with numeric and bar graph.
- Average moisture content between 2-9 times.
- Applications calibrated by 105°C 3hrs (JIS L1095).
- Upper limited alarm setting.
- Date & time setting.
- User create additional new calibration curve.
- User BIAS adjustment.
- Data storage(max.250) and output to PC through data logger software under 3 digits of client name.
- Optional printer.

## Specification

Mea. method	Electric resistance
Applications	Jute bags / Jute fiber / Raw Jute / Jute Bale
Number of calibration curves	2 (Pressure & 4/8/12" Needle Sensor)
Standard method	JIS L 1095 (105°C 3hrs)
Display	Digital LCD & Bar Graph (Continuous & hold)
Resolution	0.1%
Operating temp.	0 to +45°C
Functions	<ul style="list-style-type: none"> <li>▪ Moisture value BIAS adjustment (-9.9 to +9.9%)</li> <li>▪ Additional new calibration curves (max. 10)</li> <li>▪ Data storage(max.250) and output to PC</li> <li>▪ Average value (2 to 9 measurement values)</li> <li>▪ Upper limited alarm</li> <li>▪ Date &amp; time setting</li> <li>▪ Auto power off (automatically turns off after approx. 5 minutes)</li> </ul>
Power supply	1.5V batteries(AA alkaline/6pcs.)
Power consumption	Approx. 0.45W
Dimensions	110(W) x 210(D) x 50(H) mm
Weight	0.5kg
Accessory	Pressure sensor(1), Two needle sensor(1) with three length needles(4 / 8 / 12 inches, 2pcs/set per each), Shoulder strap(1), 1.5V alkaline battery(6), Carrying case(1), Wrench(1), Operation manual(1)
Options	Printer(VZ-390) with printer cable(VZC70), Data logger software(KDL-01) with RS-232C cable(VZC55)

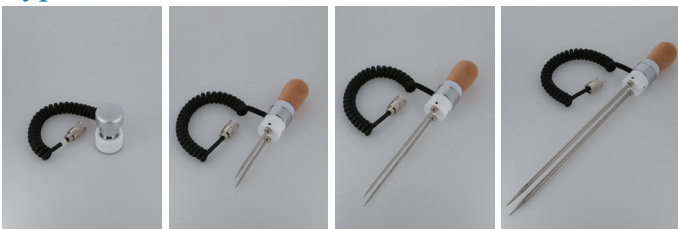
## Applications, Measuring range & Accuracy

No.	Type of sensor	Abbreviation	Range(%)	Accuracy*
01	Pressure sensor	CCP	6.0-100	0.9% (Standard Error of calibration)
02	Needle sensor**	4NP		
11-20	Depends on user additional new calibration curve (max. 10 numbers)			

\* Compared to reference drying oven method with less than 20% range.

\*\*Connectable two length needles (4 or 8 or 12 inches/approx.10 or 20 or 30 cm) in a needle sensor.

## Type of sensor



Pressure sensor

Needle sensor 4 inch

Needle sensor 8 inch

Needle sensor 12 inch