

Kett

SCIENCE OF SENSING

PM-450 (version 4516)

Grain Moisture Tester



Grain Moisture Tester PM-450

Fast, Reliable, Simple to operate, Competitively priced, Many measurement applications

The PM-450, version 4516 is a general purpose instrument for worldwide use. It will measure a wide variety of applications including wheat, corn, sunflowers, hazelnuts, coffee, etc.

Special Features

• Wide list of calibrations

Version 4516 is used for grains, seeds, and other small products.

Other versions of the PM-450 are available. Please contact us!

• Wide Measurement ranges

The PM-450 can measure the moisture content in grain and seed samples between 1-40% depending on the grain and the PM-450 version.

• Automatic density and temperature correction

The capacitance principle is affected by both density and temperature. The PM-450 includes an integrated scale and thermistor to automatically compensate for variation in both, ensuring accurate moisture measurement each time.

• Pre-programmed calibration curves

Factory calibrations are provided so that the PM-450 is immediately usable.

• Automatic Power Off

If no measurement or operation is performed for 3 minutes with the power on, the power is automatically turned off to maximize battery life.

• Average facility

A sample average can be automatically calculated (simple arithmetic mean) for 2-9 tests.

• Stable load cell

Improvements in the load cell provide even better weight measurement stability when compared with our earlier models.

• Versatile operation

Lightweight, easy to hold, large buttons, audible and display icons (samples below) make the PM-450 an instrument anyone can use, in almost any environment.

		
Pouring sample	Discharging sample	Replace the batteries

Quick and Easy Operation



Press power ON



Select product number (application)



Press [MEA.] key



Pouring sample



The moisture content is displayed

Product List : version 4516

01	Wheat	6-40%	16	Peanuts	4-20%
02	Barley	6-40%	17	Black pepper	4-20%
03	Corn (Maize)	6-35%	18	Mung bean	6-30%
04	Soybean	6-30%	19	Beans	6-30%
05	Canola (Rapeseed)	6-30%	20	Pea	6-35%
06	Rye	6-30%	21	Clove	6-20%
07	Oats	6-30%	22	Dry cherry coffee	4-40%
08	Sorghum	6-30%	23	Green coffee	4-30%
09	Sunflower (Large)	6-30%	24	Roast coffee	1-20%
10	Sunflower (Medium)	4-20%	25	Parchment coffee A (Arabica)	4-40%
11	Sunflower (Small)	6-20%	26	Parchment coffee R (Robusta)	4-40%
12	Long paddy	9-35%	27	ALMOND	2-18%
13	Long milled rice	9-20%	28	CACAO	4-30%
14	Hazelnuts	4-15%	29	QUINOA	4-20%
15	Buckwheat	6-30%			

Specification : version 4516

Measuring principal	Capacitance (Dielectric) (50MHz)
Applications	Grains, Seeds, etc. (application dependent)
Measurement range	1-40% (sample dependent)
Sample volume	240mL
Operating temp. range	0-40°C
Functions	Weight scale, Automatic temperature correction by integrated thermistor, Auto-power off, Auto-display for battery level icon, Average
Display	Digital LCD
Power supply	Batteries(1.5V alkaline "AA" size x 4)
Power consumption	240mW
Dimensions & weight	125(W) x 205(D) x 215(H) mm, approx.1.3kg
Standard Accessories	Funnel, Manual hopper(sample cup), Brush, Batteries(1.5V alkaline AA sizex4), Operating manual.

¡Visite nuestra web de agricultura!

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