

GRAIN MOISTURE METER

PCE-GMM 15



- » **Sample quantity 90 ml**
- » **for 25 seed types**
- » **Automatic temperature compensation**
- » **Data memory for 240 measurements**
- » **Alarm function**
- » **Automatic switch-off**

Our portable grain moisture meter was developed to determine the moisture content of 25 different types of seed quickly, easily and precisely. The measuring range is typically between 3% and 80% moisture, depending on the type of grain, with a resolution of 0.1% and an accuracy of $\pm 0.5\%$. The required sample quantity is approx. 90 ml, which allows quick and uncomplicated use directly on site. The grain moisture meter works on a capacitive basis and utilizes the compression of the sample caused by filling and sealing to increase the measuring accuracy.

The device has an alarm function for individually adjustable upper and lower limits, a display of minimum and maximum values and a function for calculating the average value. It also offers a data storage function for up to 240 measured values, a user-friendly keypad and automatic temperature compensation.

Thanks to the described compression, the grain moisture meter provides reliable measured values for checking storage and processing maturity. The grain moisture analyzer is suitable for professional applications where accurate moisture determination of grain is required.

Specification

Absolute moisture	
Measurement range up to	3 ... 80 %
Resolution	0,1 %
Accuracy	±0.5% for standardized grain types, ±1% for <10%, ±1.5% for >10%

General technical data	
Measuring functions	MIN, MAX, Average value
Temperature compensation	automatic
Display type	LCD
Display size	2 Inch
Storage medium	Internal memory
Storage capacity	240 Measurements
Measured medium	Wheat, Rays, Maize, Soy beans, Paddy rice, Rice, Barley, Oats, Sorghum/Milo, Buckwheat, Peas, Rapeseed, Mustard seed, Sunflower seeds, Sugar beet seed, Coffee, Green coffee, Cocoa beans, Linseed, Lenses, Peanuts shelled, Rye grass (Together), Cocksfoot (seed), Clover, white seed, Red clover, Lucerne seed, Cabbage seeds, Beans
Automatic power-off	10 min
Alarm modes	Below limit: 0 ... 80% Upper limit: 0 ... 80%
Menu language	English, English (GB)
Protection class (device)	IP52
(Rechargeable) battery	4 x 1,5 V AAA battery , Alkali-manganese
Capacity	1200 mAh
Operating conditions	0 ... 60 °C , 5 ... 90 % RH
Storage conditions	0 ... 60 °C , 5 ... 90 % RH
Dimensions (L x W x H)	76 x 73 x 166 mm
Weight	434 g