

# Grainmaster i

## Intergrated moisture and temperature measurement

Protimeter are associated with rugged and reliable grain moisture meters that test ground samples for proven measurement accuracy and consistency. The Protimeter Grainmaster i builds on these strengths by offering further refinement and versatility at a competitive price.



The Grainmaster i is supplied in a pouch with grinder-compressor unit, grain cup, sample spoon, brush and 'Quickcheck'. In addition to the 0-100 relative scale, 15 crop calibrations are pre-programmed into the instrument as listed below:

- Wheat
- Barley
- Oats
- Oilseed Rape
- Canola
- Linseed
- Peas
- Corn
- Sunflower
- Coffee
- Soya
- Rice
- Sorghum
- Paddy
- Beans

A range of optional probes can be used with the Grainmaster i, offering the user integrated moisture and temperature measurement capability. The Fast Response Temperature Probe and the Moisture and Temperature Probes are used for grain storage management applications and the Baleprobe is used for measuring the moisture level of hay/straw bales.

## Specifications

**Weight of Instrument c/w Grinder-Compressor Unit:**  
1kg

**Dimensions of Instrument c/w Grinder-Compressor Unit:**  
195 mm length x 185 mm height x 100 mm width

**Power:**  
x1 6F22R 9V battery

**LCD Resolution:**  
0.1

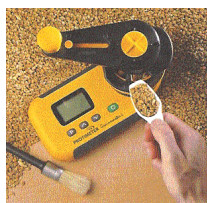
**Operating Temperature Range:**  
0 °C to 40 °C

**%H<sub>2</sub>O Measurement Range:**  
See Table below.

Table: %H <sub>2</sub> O Measurement Range			
Wheat: 11.3 to 29.3	Canola: 7.0 to 26.0	Coffee: 9.8 to 23.9	Rice: 13.2 to 26.5
Oats: 10.9 to 29.3	Linseed: 7.0 to 16.5	Soya: 7.4 to 22.2	Sorghum: 10.2 to 26.9
OSR: 7.0 to 26.0	Sunflower: 6.2 to 23.0	Beans: 12.4 to 25.0	Paddy: 10.4 to 26.2
Barley: 10.9 to 29.3	Corn: 10.4 to 26.2	Peas: 12.0 to 30.9	0-100 relative

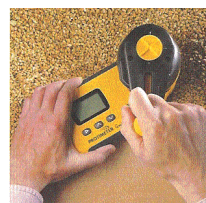
Note: Not all calibrations are for Ground samples.

Simple



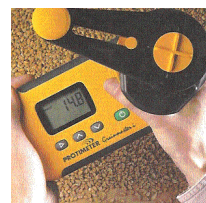
Simple: Load the GrinderCompressor

Fast



Prepare the sample

Reliable



Measure



## Accessories

M&T probe: list crops calibrations and measurement ranges, probe dimensions and probe weight

FR Temp probe: temp measurement range, tolerance, probe dims and weight

Baleprobe: measurement range (in Wheat hay/straw), probe dims ( nominal 600mm) and weight



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