

# GrainMaster i2

Integrated moisture and temperature measurement device for grain crops and additional hay/straw bales

ProTimeter Grainmaster i2 uses the ground grain moisture testing method for unrivaled repeatability and accuracy. It can also be used with optional probes to measure temperature in grain, as well as moisture in hay and straw.



The Protimeter Grainmaster i2 is supplied in a pouch with grinder compressor unit, grain cup, sample spoon, brush and 'Quickcheck'. With following crop calibrations pre-programmed into the instrument:

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

Optional probes can be used with the Grainmaster i2, for integrated moisture and temperature measurement capability. The Fast Response Temperature Probe and the Moisture and Temperature Probes to be used for grain storage management applications and the "Baleprobe" to be used to measure moisture levels in hay/straw bales.

## Specifications

**Weight of Instrument complete with Grinder-Compressor Unit:**  
1kg

**Dimensions of Instrument complete with Grinder-Compressor Unit:**  
195 mm length x 185 mm height x 100 mm width

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

**LCD Resolution:**  
0.1

**LCD Technology:**  
Sunlight visible graphical display

**Operating Temperature Range:**  
0°C to 50°C

**Bluetooth:**  
4.2 BLE

**Software Upgrade:**  
USB

**Language:**  
Configurable through settings



1. Load the Grinder – Compressor with a grain sample
2. Grind and then compress the sample
3. Measure the moisture content



## Accessories

**M&T Probe:** List crop 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.

% 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.

# Amphenol

## Advanced Sensors

[www.amphenol-sensors.com](http://www.amphenol-sensors.com)

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AAS-920-438B-01/2018

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