

Protimeter GRN3100 GrainMaster i2 Moisture Meter

Can work in accordance with ISO.712

Approved by the German Agricultural Society (DLG)

Users: I&J (Fish Meal), Simba, Baking Industry, Rooibos Tea Suppliers



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
- Lindseed
- Peas
- Corn
- Sunflower
- Coffee
- Soya
- Rice
- Sorghum
- Paddy
- Beans



Optional probes can be used with the Protimeter 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.

Technical Specifications

Part Number	Description
GRN3100	Protimeter GRN3100 GrainMaster i2® Moisture Meter
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
Power	x1 6F22R 9V battery
Weight of Instrument Complete Unit	1kg
Dimensions of Instrument Complete Unit	Size: 195mm length x 185 mm height x 100 mm width

Packing List

Protimeter GRN3100 GrainMaster i2 Moisture Meter
Grinder-compressor Unit
Grain Cup
Sample Spoon
Cleaning Brush
Quick Check
Protimeter Material Pouch
x1 6F22R 9V Battery
Calibration Data Table
Instruction Manual



Accessories

Part Number	Description
GRN3005	Moisture and Temperature Probe for Grainmaster - for storage monitoring (1.5m length)
GRN6138	Bale Moisture Probe (558mm) for use with Grainmaster - only for Bales <i>Converts Grainmaster to Bale Master</i>



GRN3005 - Moisture and Temperature Probe

1.5m probe to measure moisture and temperature of grain in the store.



GRN6138 - Bale Moisture Probe

558mm probe to check hay and straw bale moistures.

% H₂O Measurement Range

Wheat	11.3 to 29.3	Canola	7.0 to 26.0
Oats	10.9 to 29.3	Linseed	7.0 to 16.5
OSR	7.0 to 26.0	Sunflower	6.2 to 23.0
Barley	10.9 to 29.3	Corn	10.4 to 26.2
Coffee	9.8 to 23.9	Rice	13.2 to 26.5
Soya	7.4 to 22.2	Sorghum	10.2 to 26.9
Beans	12.4 to 25.0	Paddy	10.4 to 26.2
Peas	12.0 to 30.9	0-100 relative	