

Protimeter GRN6165 Digital Balemaster Moisture Meter



The Digital Balemaster (GRN 6165) is a hand held instrument which displays the results on a large LCD Digital Display. The probe is made from strong durable stainless steel and is 558mm long and 10mm in diameter, to reach the centre of big bales.

Monitoring of moisture in hay and straw during baling and before storage is important. High levels of moisture can lead to discolouration and will support the growth of moulds and fungi.

Features

- Measurement range: 8.5% - 36.8%
- Strong, robust stainless steel moisture probe
- Easy to read digital display
- Colour arc LED display to show moisture condition:
 - Green (Dry)
 - Yellow (At Risk)
 - Red (Wet)
- Dual display LCD and LED for easy reading
- Audible tone



Test Method

Before using the stainless-steel probe, be sure it is thoroughly clean and dry. The probe must not be wet when measuring moisture.

1. Connect the Bale Probe to the instrument and switch ON by pressing and holding button.
2. Push the Bale Probe into the bale to the required depth. Note the reading on the display.

Note: When assessing the moisture content (mc) of whole bales, it is recommended that the average value is obtained from numerous readings taken from different sides and at different depths.

To obtain the correct average value, use the following moisture measurement ranges as a guideline:

- Less than 15% mc: bales are in a safe condition for storage.
- Greater than 15% mc: bales are not in a safe condition for storage. Additional drying is recommended.

After use, switch the instrument OFF by pressing and holding the button, or leave the instrument to switch OFF automatically.

Technical Specifications

Part Numbers	GRN6165 - Balemaster instrument and probe GRN6148 - Balemaster probe
Operating Conditions	Operating temperature range: 0°C to 50°C Humidity: 0 to 90% RH, non-condensing
Measurement Range	8.5% to 36.8% Green (Dry) Yellow (At Risk) Red (Wet)
Power	9V- Alkaline 550mAh
Dimensions	Size: 19cm x 6.5cm x 3.5cm
Weight	Gross Weight (without battery): ~228g
Probe Dimensions	Length 5584mm Diameter 10mm
Buzzer	User adjustable audible tone indicating moisture conditions
Regulatory Compliance	CE, RoHS, ETL
Warranty	2 years on mechanical or manufacturing defects. Does not include wearing parts or accessories

Packing List

Protimeter GRN 6165 Digital Balemaster Moisture Meter
Protimeter Soft Pouch
1 x 9V Battery
Wrist Strap
Instruction Manual

