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Grain Management Solutions

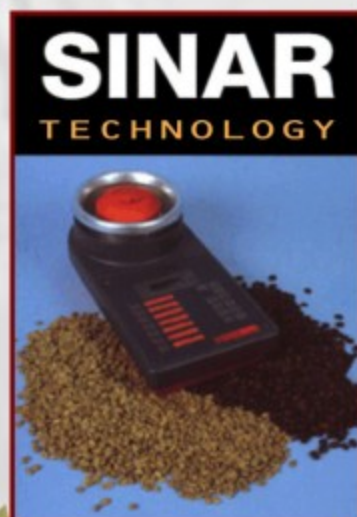
FarmPro Moisture Analyser

The Sinar™ FarmPro Moisture Analyser is pre-calibrated for 4 different commodities for results in 6 seconds.

The Sinar™ FarmPro Moisture Analyser offers the fastest and most convenient solution for measuring moisture content in grains.

The principle behind the FarmPro is simplicity. When the cell is filled and the appropriate commodity program selected, the moisture content (%) is clearly shown within six seconds on the liquid crystal display. The moisture content of up to 254 samples can be averaged in less than one second.

The Sinar™ FarmPro also displays temperature. An optional printer is easily connected to provide hard copy of all results.



Dimensions
325 x 164 x 120mm

Weight
1.8kg

Operating environment
0-55°C

Temperature Correction

Thermistor sensor connected to microprocessor. The correction is software programmable. Temperature readout and correction 0-50°C

Full cell:
290ml volume

Bias facility
Moisture content and hectolitre (bushel) weight readings can be biased in increments of 0.1.

Power supply
Four C size 1.5V alkaline batteries. Optional 220/240V 50/60 Supply transformer.

Measurement range
1-35% moisture, wet basis depending on applications.

Printer output
RS232C

Accuracy
Typical standard deviation 0.3 for moisture (dependent on application and moisture level)

Repeatability
Standard deviation 0.05 to 0.15 (on application)

The instrument can be calibrated for four different commodities. These can be adjusted independently as required to optimise accuracy. The FarmPro works by simultaneously sensing the capacitance, weight and temperature of the sample being tested. Corrected moisture (%) readings are supplied via the LCD screen in just a few seconds.

This technology allows the use of whole grains - there is no need to grind the sample! Cereals, oilseeds, and even pulses can be loaded directly into the measuring cell without any sample preparation.

Being battery operated and weighing less than two kilos, the FarmPro is portable and can be easily carried wherever immediate and reliable results are needed.

It's robustness makes the FarmPro an ideal choice for farmers and growers often operating in harsh and demanding environments.

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