Aquamatic 5800 Manual

Grain Moisture Meter

Designed for Farm Use

Same Technology as official meters

Fast and Accurate

AA batteries that last up to 1 year

Portable Grain Moisture Meter

Perten INSTRUMENTS
a PerkinElmer company

Design & Quality by Perten Instruments of Sweden

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Aquamatic 5800 Manual Grain Moisture Meter

Unique among portable moisture meters, the AM 5800 Manual uses the same measurement cell, the same high frequency 150 MHz technology, the same UGMA algorithm, and the same calibrations as officially approved meters, including the Perten AM 5200-A. Drawing on the experience from more than 5,000 installed moisture meters, we have designed a battery operated, portable moisture meter benefitting from the accuracy, repeatability and reliability of the AM 5200-A.

The higher frequency signal provides greater penetration of samples and the UGMA (Unified Grain Moisture Algorithm) provides a more accurate result regardless of moisture level, temperature or crop type. Together these make the AM 5800 Manual the most accurate and repeatable portable moisture meter available. It can analyze grains, oilseeds, pulses, beans, lentils, seeds and more for moisture, test weight/hectoliter weight, and temperature with the same calibrations as the officially approved AM 5200-A.

Features and Benefits

Accurate: Thanks to high frequency 150 MHz technology and the UGMA algorithm you will get accurate readings – including on grain straight from the field or the dryer. Measurements will closely match the officially approved AM 5200-A.

Easy to use: No sample weighing or volume measurement is required. Just pour the sample to fill the hopper and pull the handle to start the analysis. The AM 5800 Manual takes care of the rest.

Repeatable: Excellent repeatability thanks to precision mechanics and advanced signal processing.

Rapid: In less than 20 seconds, accurate readings for moisture, test weight and temperature are presented on the display.

Portable: Powered by 2 AA batteries and weighing only 5 kg / 9lb, you easily take the AM 5800 Manual to where you need it.

Familiar, modern, interfaces: The touch screen makes the AM 5800 Manual simple to use. The touchscreen uses resistance technology and even responds to gloved hands. Use a smartphone, tablet or PC to view results, update calibrations, access the user's manual, and more using the Bluetooth-connected AM 5800 Link app.

Specifications

Products: Grains, oilseeds, pulses, lentils and more
Parameters: Moisture, specific weight (hectolitre weight/test weight) and temperature
Analysis Time: ~ 15 seconds
Display: 3.4" touch screen
Connectivity: Andriod and Win App for use on smartphones, tablets and PC connected to Bluetooth®
Measurement Technique: RF dielectric constant at 150 MHz
Sample Temperature: -18 to 70° C / -4 to 160 F (moisture <18%); 0 to 70° C / 32 to 160 F (moisture >18%)
Sample Size: 700 ml / 2/3 quart
Power Requirement: 2 x AA batteries
Dimensions HxWxD (mm/inches): 338/13.3 x 274/10.8 x 290/11.4
Net Weight (kg/lb): 5/11

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