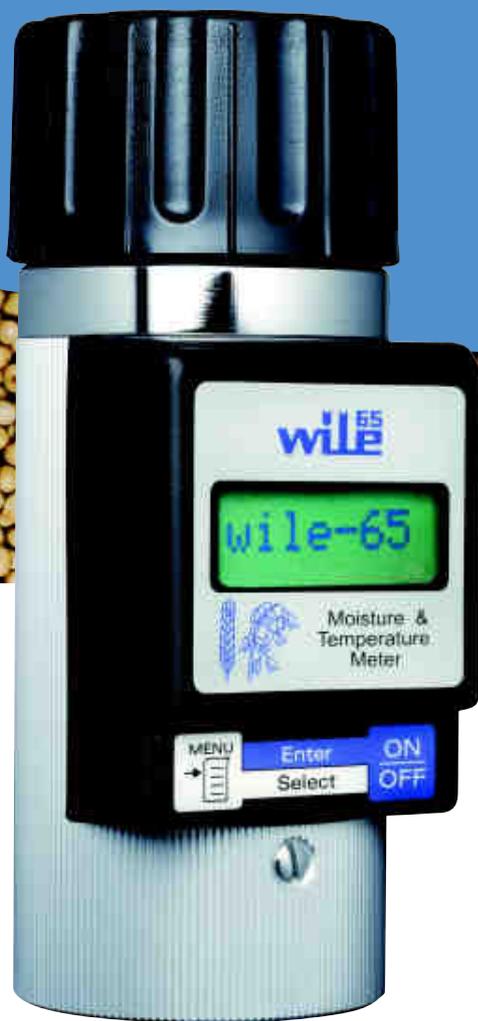


wile 65



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Wile 65 Grain Moisture Meter

The Wile 65 measures the moisture of grain and seeds rapidly and precisely and is easy to use due to its menu driven display. The meter can also be used for temperature measurements of different substances with the help of the optional W 651 temperature probe.

Easy to use

Measurement with the Wile 65 is simple and fast. The meter is operated with the use of two buttons and it has an easy to read display that guides you whilst doing the measurements. The display shows the grain type and helps you make the possible settings before measurement. A quick reference guide is located on the side of the meter to remind of the basic steps in measuring grain.

The meter is ready for measurement after the correct grain type is selected. Measurement is done by simply filling the test cell with grain, compressing it by the help of the cap of the meter and pressing the test button. Testing is extremely quick and easy. The Wile 65 shows always the temperature of the grain sample and it has an outlet for the additional external temperature probe (W 651) that can be used for various temperature measurements from grain, silage, compost and other substances. When using the external temperature probe the result is shown in large numbers on the display.

Multi Functional

Wile 65 has the capability of testing 16 different grain or seed types that are stored in the memory of the meter.

Farmcomp actively follows the development and breeding of new grain types and accordingly adjusts the scales that are used in the Wile moisture meters. When choosing the Wile moisture meter you can be certain that it will function properly in your farming environment.

The Wile meter has also an arbitrary scale that gives a nominal measurement value. This is mainly used for calibrating the device and it can also be used for measuring grain types outside of the 16 pre-programmed types in the memory of the meter. This can be done by the help of conversion tables that are available for several additional grain types.

Precise

The accuracy of the Wile moisture meter has been proven by many test reports around the world to be one of the best on the market. The accuracy of the meter is based on a solid basic design that has been accomplished thru years of constant development and our deep understanding of grain moisture measurement in different crop growing areas.

The Wile meters measurement method is based on measuring a high frequency alternate current that is conducted thru the sample. The meter converts the measurement value into a moisture value by the help of a conversion scale which is programmed into the memory of the meter. Each grain type has their unique moisture characteristic which means that each grain type has its own scale.



To achieve the best accuracy and repeatability level the grain sample has to be unified.

In the Wile meter the grain sample is compressed to unify the sample, this makes the measurement extremely accurate compared to the open cell testers on the market.

User Adjustable Correction

All of the Wile moisture meters are individually calibrated in temperature controlled conditions before they leave the factory in Finland. Over the years, due to heavy rain fall or draught, the electric properties of the grain may differ substantially from the reference grain. In these cases the user can make a correction to match the value of the results of a commercial grain elevator or preferably an oven test. The correction is temporary and it does not affect the basic scale programmed into the moisture meters memory.

Automatic Temperature Compensation

The Wile 65 meter has two temperature sensors, one on the electronics circuit board and one in the test cell of the meter. These sensors compensate the temperature difference of the sample and the meter itself correcting automatically the moisture value presented. This function ensures the best accuracy in grain moisture measurement.

Wile Service and Calibration

The service and calibration can be done by the importer of the Wile moisture meter or at the factory in Finland. The calibration of the meter can change during time and it is recommended that the meter is calibrated in every 2-3 years.

Grain Types that can be Measured

The Wile 65 has in its memory the most common grain types and it is specifically programmed for regional differences in grain varieties. In addition to the pre-programmed grain types the Wile 65 can measure a large variety of grains and seeds with separate conversion tables.

Technical data

Measurement Range

- Grain and seeds 8-35%
- Oil seeds 5-25%

Temperature range

- In use 0-40^oC
- Storage -20-60^oC

Accuracy:

- +/- 0,5 % moisture with normal grain

Temperature measurement

An optional external temperature probe, Wile 651 can be used with the Wile 65 to measure the temperature of different substances. The wile 651 is 90 cm long and it has a temperature measurement range of 0- 60^oC.

Power source

- 9 Volt battery (IEC 6F22)

Menu driven display with a choice of language

Automatic temperature compensation

Averaging of results

Automatic power off

Included with the meter:

- Protective carrying case with strap
- Users manual
- 9 Volt battery

Wile meters carry a 1 year guarantee.

