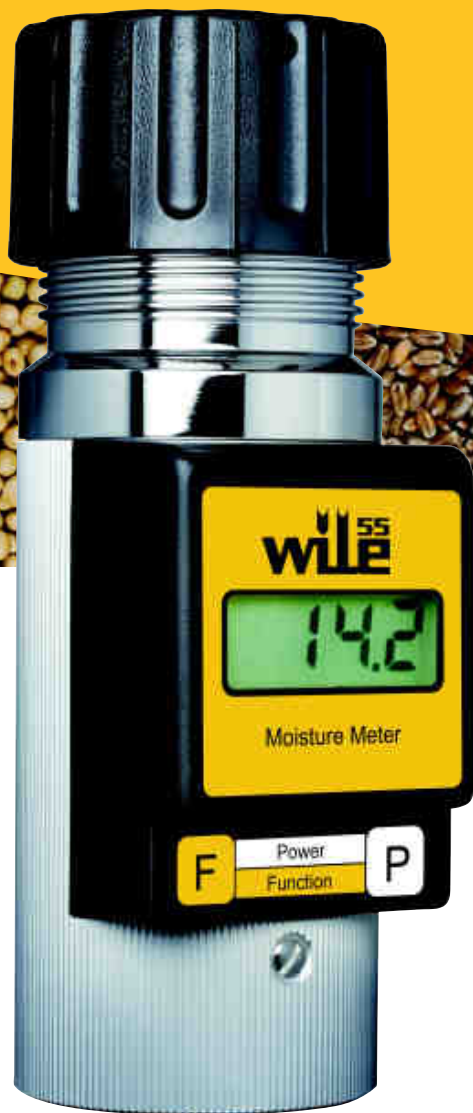


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Wile 55 Grain Moisture Meter

Wile 55 is a basic tool for all farmers for measuring accurately the moisture of grain and seeds. The Wile 55 measures the moisture of grain and seeds rapidly and precisely. The Wile 55 is a proven design and it is the most popular moisture meter in the Wile range. The Wile moisture meter is sold in over 80 countries world wide.

Precise

Wile moisture meter has been proven by many test reports around the world to be one of the most accurate portable grain moisture meters 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.

Multi Functional

Wile 55 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 meters memory. This can be done by the help of conversion tables that are available for some of the most common grain types.

Easy to Use

Measuring with the Wile 55 is simple. After the correct grain type is selected measurement takes place by just pressing one button. The large digital display makes it easy to read the measurement value also in limited light conditions. To make everyday use easy the meter has a quick reference guide that is located on a sticker on the side of the display.



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 quality 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 memory of the meter.

Automatic Temperature Compensation

The Wile 55 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.

Grain Types that can be Measured

The Wile 55 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 55 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°C
- Storage-20–60°C

Accuracy

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

Power source

- 9 Volt battery (IEC 6F22)

Included with the meter:

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

Wile meters carry a 1 year guarantee.

