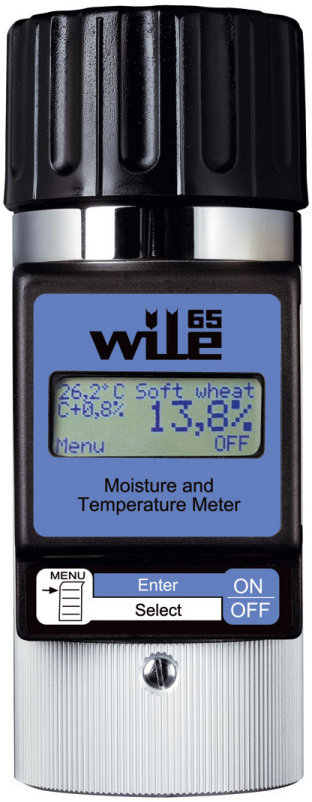
The Wile 65 grain moisture meter used for controlling the harvesting, drying and storing of grain.

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.



Quick and easy to us.

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 while 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 you 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 always shows 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.

Technical Data

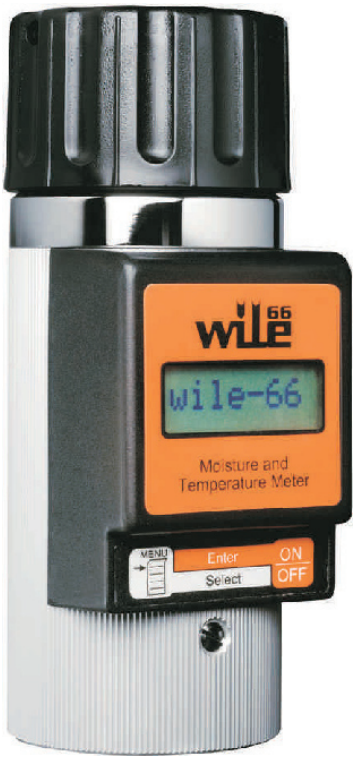
- Microprocessors-controlled measurement of whole grain, kernels & seeds
- Alphanumeric display in user's own language
- External temperature probe Wile-651 as an option
- Moisture % for 16 grains and seeds
- Wide range of moisture: Grain 8...35%, Oil Seeds 5...25%
- Accuracy: +/-0,5% moisture at storage condition
- User can adjust calibration to "match" commercial meter
- Automatic temperature compensation
- Stores test results and displays average reading

Wile 65 pre-programmed with 16 Australian grains

1. Wheat: 8-35% **2.** Corn: 8-35%
3. Barley: 8-35% **4.** Oats: 8-35%
5. Canola: 5-25% **6.** Rice: 8-35%
7. Sorghum: 8-30% **8.** Lupin: 8-35%
9. Triticale: 8-35% **10.** Linseed: 5-25%
11. Soya beans: 5-25% **12.** Oil Seed Sunflower: 4-35%
13. Green Lentil: 8-25% **14.** Red Lentil: 8-35%
15. Field Pea: 8-35% **16.** Desi Chickpea: 8-25%
*Charts available for non-programmed grains

The Wile 66 Grain Moisture Meter used for whole and ground grain

Wile 66 is designed to meet the most demanding needs of professionals in crop growing. The Wile 66 comes complete with a sample grinder and calibration tools.

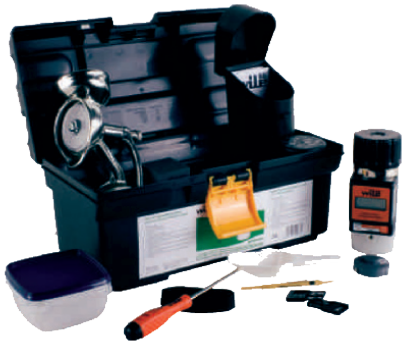


Wile 66 is the only moisture tester on the market that can measure both whole and ground grain. The Wile 66 has the same basic features as the Wile 65. In addition it can measure ground grain. Grinding makes the sample homogeneous and makes the measurement more accurate especially with grain that has a thick outer layer or the quality of the grain differs from a normal season. The scale for whole grain can be adjusted /corrected by using the results from ground grain as a reference. This makes measurement handy as you get a very accurate reading, also with whole grain.

The quality of grain affects the measurement

The measurement technology of the Wile grain moisture meters has been proven in many tests worldwide to be one of the most precise on the market.

The measurement accuracy does not only depend on the testing device itself. A major influence in the result comes from the grain sample and its quality. If for example the grain is abnormal due to a very dry or wet season, systematic errors in the results can occur.



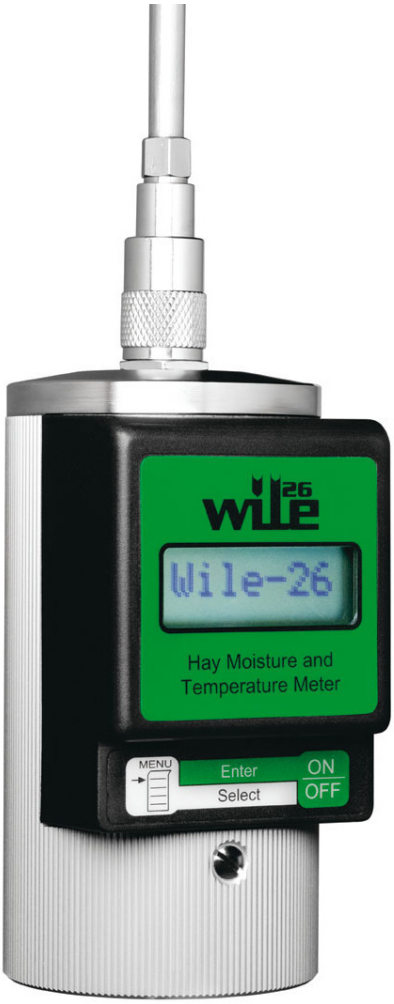
Grinding the sample gives higher accuracy

Grinding the grain makes the sample uniform. Therefore a higher level of accuracy in the result can be achieved, especially in grain that has a large content of husk: for example barley and oats.

The errors that can occur in the measurement of grain, which is of abnormal quality, can be avoided by adjusting the scale of the whole grain using the results from measuring the ground samples. This means that after the adjustment the moisture content can be determined extremely accurately and quickly from whole grain. Due to this, the accuracy level has improved significantly in abnormal grain qualities and the accuracy level is within tenths of a percent moisture from the oven test.

Wile 26 Moisture and Temperature Meter for Hay and Silage

The Wile 26 is a moisture and temperature meter designed for professional use for the measuring of both dry hay and silage in the farming environment. Temperature measurements of different substances are possible with the help of the optional W-651 temperature probe.



Accuracy in Measurment

The Wile 26 moisture meter is based on the capacitive measuring method which has proven to be the most accurate means of measurement when measuring the moisture content of hay and grass. With its uniquely wide measurement range the Wile 26 is suitable for the measurement of both dry hay and silage.

The moisture content of hay, especially loose hay varies substantially this is why the reliable measurement of the moisture content requires several sample measurements of which the average value can be used as the result. The Wile 26 stores the results in its memory and calculates the average automatically.

The density of the hay or silage also affects the measurement result. This is why the Wile 26 incorporates a density setting for the measurement of bales.

By the help of the optional temperature probe the Wile 26 can be used for measuring the temperature of stored hay or silage or many other commodities used on the farm.

The Wile 26 Moisture meter is delivered with a 45cm probe and the user can choose the optional probe/s for the purpose in mind. There are three different types of probes available.

Wile 26 Features

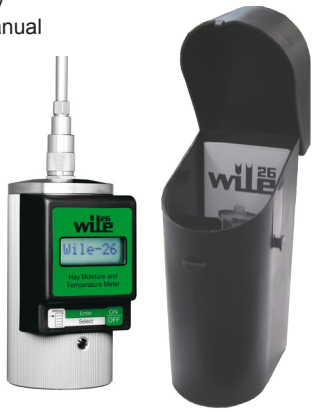
- Wide measurement range
- baled hay 10 - 73% moisture
- loose hay 13 - 85% moisture

Accuracy

- +/-2% moisture in normal conditions
- Temperature measurement range with the Wile-651 probe 0-60°C
- Easy to read alphanumeric display
- Bale density compensation applied to the reading
- Scales can be adjusted by user to match the oven test
- Measurement by pushing a single button
- Automatic power off

Wile 26 is delivered with :

- A carrying case
- 9v battery
- User's manual



Accessories

Wile probes

There are three optional probes that fit the hay testers that can be chosen for specific measuring requirements

Temperature measurement of hay & silage

W-651 is a temperature probe that is fixed to the bottom of the moisture meter. It can be used for the temperature measurement of hay or silage. The **W-651** is also suitable for the measurement of other commodities such as grain, compost. etc. The temperature probe can be used simultaneously with a moisture probe. The stainless steel probe is 95 cm long and it has a convenient handle. Temperature measurement takes place from the tip of the probe.

Moisture measurement of baled hay or silage

W-251 and **W-252** bale probes are used for moisture measurement of baled hay or silage. The **W-251** is 45 cm long and the **W-252** is 90 cm long. For moisture measurement of dry hay the **W-251** probe is usually most appropriate. For measurement of baled silage **W-251** or **W-252** is used depending on the size of the bale. The probe is made of stainless steel and the measurement is done from the end of the probe.

Moisture measurement of loose hay or silage

W-253 dish probe is used for moisture measurement of loose hay or loose silage gathered into a bucket. The measurement is done from the material between the dish and the tip of the probe.