Wile 78



Coming soon to Wile 78! Wile Connect App – Mobile app connectivity via QR code

Wile 78 is a new generation high-precision crushing grain moisture meter featuring scales for over 20 different grains and seeds. The measurement result is produced quickly, in less than 20 seconds.

Handy and compact

Wile 78 is a compact meter that is easy to take to any location in the carrying case included in the meter's delivery set. The sample size of the meter is small, making it a convenient tool for measuring samples before the start of the actual harvesting season.

The easy-to-hold scoop-shaped cap improves the user experience, while being a handy scoop to load a proper amount of the sample into the meter. The tempered grinding teeth of the meter are hard-wearing and durable.

Highly accurate measurement result

The crushing meter enables more uniform analysis of moisture content in kernels and seeds. This is especially beneficial when seed size and shell thickness vary due to growth conditions or crop varieties. Crushing also ensures accurate results in cases where very moist grain has been dried rapidly, as moisture may remain inside the kernel even when the surface appears dry.

The set includes:

- Meter
- Carrying case with handle and a strap
- Battery
- Soft cleaning brush
- Hard cleaning brush
- Operating manual.

The measurement range varies between 4% and 44%, depending on the grain and the market. The typical range for cereal grains varies from 9% to 37%, and for oil seeds – from 5% to 28%. Repeatability of the measurement results: ±0.5% storage moisture with normal grain at room temperature.

Tip! If you are purchasing a meter to be used with a grain dryer, we advise you to choose Wile 200.

Important! The scale settings of Wile meters are adjusted to match the common standard grain types as closely as possible. However, properties of grain are likely to vary due to, for instance, varying growing conditions or new species. Therefore, we advise you to always make sure before the harvesting that with the grain type you handle, the readings of your meter match the readings obtained in oven-testing. Always take several samples and use their average as the result.

Tip! You will get the best measurement accuracy for your grain if the temperature of the meter and the grain is within the range of 16–32˚C. The temperature of the meter and grain have to match each other as closely as possible, and it is advisable to store the sample in a container that is as air-tight as possible. In order to obtain a reliable result, the sample has to be representative.

Please note that with updates both the number of measured grain types as well as the moisture measurement range could possibly change.

PRODUCT INFORMATION

Backlit guiding LCD display	Yes
Automatic temperature compensation	Yes
Automatic averaging	Yes
Automatic power OFF	Yes
Low battery voltage alert	Yes
Battery	6LR61, 9 V
Warranty	2 year
Wile product code	7000780
EAN code	6417160102675

MEASURED GRAIN SPECIES IN FINLAND

Measured grain	Moisture content measurement range
Wheat	9.6–37.6 %
Barley	9.0–39.0 %
Oats	8.6–38.0 %
Rye	10.0–41.0 %
Triticale	9.0–40.0 %
Spelt	9.0–35.2 %
Turnip rape	5.0–35.0 %
Rapeseed	5.0–28.2 %
Corn	8.8–38.4 %
Buckwheat	9.6–38.0 %
Peas	10.2–31.4 %
French bean	10.6–30.6 %
Broad bean	10.2–33.6 %
Caraway	3.0–33.6 %
White clover	7.4–39.4 %
Red clover	9.0–33.4 %
Timothy-grass	9.2–33.4 %
Meadow fescue	9.2–34.2 %
Ryegrass	9.0–34.2 %
Linseed	4.8–29.8 %
Camelina	5.0–34.0 %
Mustard	5.4–40.0 %
Hemp	6.6–24.4 %