

# Wile 78 Crusher

Moisture meter for grain



EN Operation instructions



## Quick Start Instructions

- Insert Battery – Correctly !
- Switch On - 
- Choose Grain -  
- Select Correct grain -  
- Pour in the Correct amount of grain (Cap is 9ml)
- Start Measuring  -
- Always clean the Crusher after each measurement

# EN Operation instructions for Wile 78 Crusher

Thank you for choosing the Wile 78 Crusher Grain Moisture Meter.

Read the whole manual before using the meter.

## 1. Box contents;



## 2. Preparation

Insert the battery – Make sure it's in the right way.  
Do not leave the battery in the meter out of season.



Battery voltage can be checked from the Settings menu. The meter also warns when it's time to change the battery. Replace the battery at the beginning of every season.

### Symbols

At the bottom of the screen explained:

- = measure moisture
- = to menu
- = select
- = move
- = back, down, up – moving through options
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- Avg = Number of average calculations stored for the % calculation
- 0.0% = Average percentage
- 9ml = The sample amount (The cap holds 9ml)



### 3. Buttons



- Switch on and off (Keep button pressed)
- Select menu
- Return to previous (Go backwards)



- Confirm choice
- Start measurement

Move through the menu



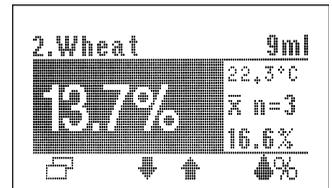
- Change the values in a function

### 4. Measuring

- Start up the meter by pressing the red start button.
- Choose the correct grain with the buttons.
- Confirm Choice - press

The sample size required is shown in the top right corner 9ml or 18ml – Cap=9ml

- Pour the sample into the Crusher evenly
- Screw the cap on until it is against the stopper
- Start measuring – press
- The moisture % is shown clearly – 13.7%
- The measurement is automatically added to the average ! (No. of measurements 3 avg. = 16.6%)
- Clean the Crusher carefully after each measurement.



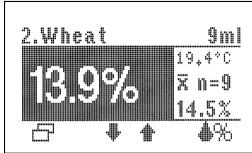
The meter shuts down automatically according to the setting or it can be shut down by keeping the red power button down.



The dealer that buys your grain will have his own system for measuring grain, so it is important for you to align your meter to the grain dealers measuring system. See Offset.

Note: The only exact measurements come from oven tests carried out to ISO Standards, this is what your Wile scales are based on.

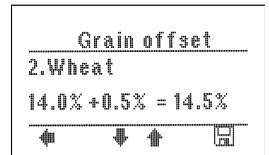
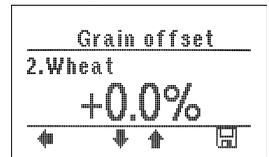
## 5. Average Calculation



1. Every measurement is automatically added to the average for each grain.
2. The number of measurements included in the average is shown =9
3. The average is shown 14.5%
4. To clear the average memory - Select Menu Choose Clear Avg

## 6. Offset

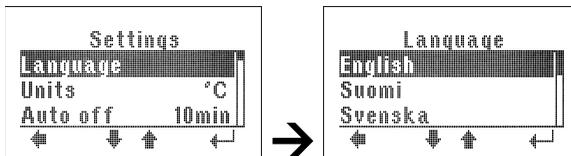
- Select Menu Choose Grain Offset
- Use  $\downarrow$   $\uparrow$  to make the adjustment by 0.1% - or +
- Confirm the change by pressing **OK**
  
- Where a measurement has been made before the screen shows the original and adjusted %.



## 7. Settings – Contains the following functions

Language	Contrast
Temperature	Battery
Auto Off	Info.
Backlight	

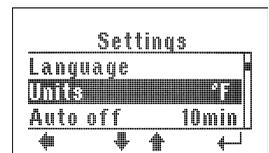
## 8. Language selection in the Settings menu



Use **OK** button to save changes

## 9. Temperature selection in the Settings menu – Centigrade or Fahrenheit

Use **OK** button to change

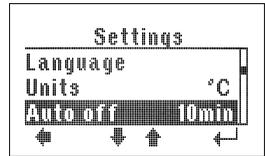


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### 10. Auto Off in the Settings menu

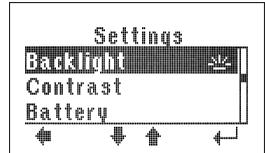
The meter shuts down automatically after a specific time.  
The time can be adjusted between 10 seconds and 10 minutes.  
Use the **OK** button to change the time

Turn off the meter by keeping the red button down  
Turn off the meter using Shutdown option



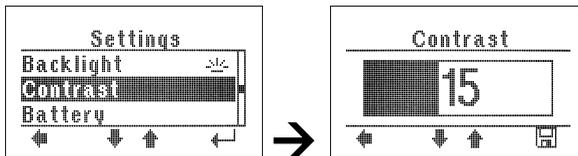
### 11. Backlight in the Settings menu

To turn the backlight on or off use the **OK** button.



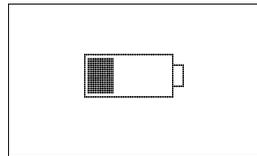
### 12. Contrast for the screen in the Settings menu

Use   to make the adjustment.



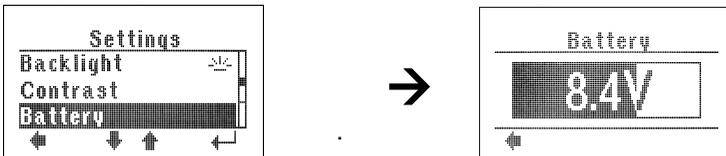
### 13. Battery

Battery voltage is too low (<6.5 V).



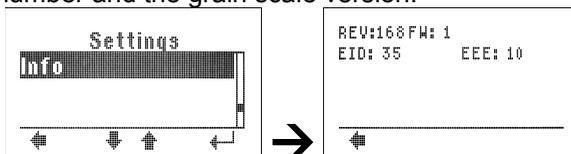
Check the battery status

Battery voltage can be checked from the Settings menu.



### 14. Info – Service Information

The software number and the grain scale version.





### Temperature Condition Warning - Major differences in temperature



Big temperature variance between sample and meter e.g. Take meter from cold outside to warm inside and use straight away.



Always allow meter to adjust to temperature. Meter is too cold for precise measurement

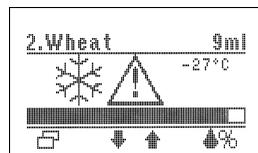
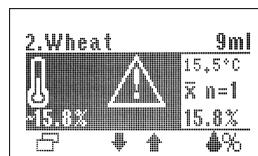


Shown in front of the moisture % result



### Taking samples

- Make several measurements and use the average value.
- When measuring dry/medium seeds you should discard the first measurement to be sure that the crusher is clean and dry.
- Remove all dirt and raw seeds from the sample.
- Direct from dryer, let the seeds cool before measuring.
- Take several samples from different places (moisture varies)



## 15. Specifications

Measuring principal	Direct current voltage
Battery	9 V alkaline (6LR61)
Accuracy (after calibration)	+/- 0,5 % of grain moisture (dispersion) below 18 %
Calculation of average	Automatic average for up to four measurements
Offset adjustment	± 10 % on each crop
Display Contrast	Adjustable
Temperatur range	5 – 50°C, 32-122° F
Grossweight	915 g / 2 lbs

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## 16. Warranty

This product has a warranty valid for one (1) year from the date of purchase. The warranty covers the materials and workmanship.

To claim the warranty, the customer should return the defected product to the Manufacturer, reseller or the nearest Wile Service Partner at the customer's own expense. The warranty claim must be accompanied with the description of the fault, copy of the sales receipt and customer's contact information.

The manufacturer / Wile Service Partner will repair or replace the defected product and return it as soon as possible.

The warranty does not cover any damages that are caused by incorrect or careless use of the product, installation that does not correspond to the provided instructions and other damages which may arise due to causes beyond the control of the manufacturer.

The liability of Farmcomp Oy is limited to the price of the product at a maximum. Farmcomp does not accept any responsibility for any direct, indirect or consequential damages that are caused by the use of the product or the fact that the product could not be used.

Wearing parts are not covered by the warranty e.g. Battery, Case.







**Declaration of Conformity  
according to ISO/IEC Guide 22 and EN 45014**

**Manufacturer:** Farmcomp Oy  
**Address:** Juslansuora 8  
FIN-04360  
TUUSULA  
FINLAND

declares, that the product

**Product name:** Wile 78 Crusher

conforms to the following Generic Standard(s):

EN 61326-1:2006

Original language: English

Signed Declaration of Conformity documents are filed at Farmcomp Oy, Tuusula





**FARMCOMP OY**  
**Jusslansuora 8**  
**FI-04360**  
**TUUSULA, FINLAND**

**Tel. +358 9 7744 970**  
**Fax +358 9 7744 9744**  
**info@farmcomp.fi**  
**www.wile.fi**

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