# wile 500

# MOISTURE AND TEMPERATURE METER FOR BALED HAY, HAYLAGE, STRAW AND SILAGE

## FEATURES

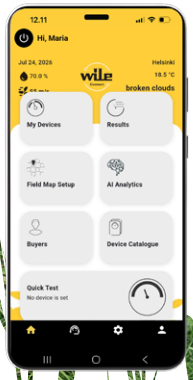
- Measures moisture and temperature of baled hay, straw, haylage or silage at the tip of a 0.5 m long probe shaft
- Automatic density compensation
- Semi-automatic temperature compensation
- Fast and easy to use: display instructs user during measurement
- Memory can store measurement results for 64 bales, with total of 1000 moisture or temperature results
- Easy access USB port for updates and measurement results download
- Automatic statistics (AVG, HI) of stored bale measurements
- Automatic power-off
- Soft grip on handle
- Push action triggers moisture measurement
- User adjustable moisture offset calibration, separate for each bale type
- User accessible automatic calibration
- Backlit graphical LCD display
- Durable stainless steel probe
- User interface in local languages
- Low battery warning
- Operating temperature range warning
- Patented
- Compatible with Wile Connect app (manually)

wile Connect



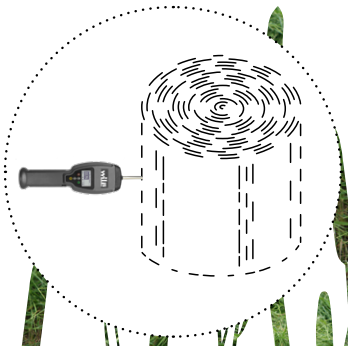



COMPATIBLE WITH WILE CONNECT APP




## TECHNICAL SPECIFICATION

- Display resolution:
  - Moisture: 0.1 % (percentage of water in weight)
  - Temperature: 0.1 °C or 0.1 °F
- Moisture measurement range (percentage of water in weight at 15 °C (59 °F) temperature):
  - Hay and haylage: 8 % ... 80 %
  - Straw: 8 % ... 25 %
  - Hay Silage: 30 % ... 84 %
  - Corn Silage: 40 % ... 76 %
  - Alfalfa: 8 % ... 75 %
- Moisture measurement accuracy:
  - 10 % to 20 %: 1.4 %
  - 20 % to 30 %: 2 %
  - 30 % to 50 %: 4 %
  - 50 % to 70 %: 6 %
- Reference method for moisture determination: Oven dry method according to ISO 6496:1999, EY N:o 152/2009, with samples acquired using a core sampler drill from the depth of moisture measurement
- Moisture measurement principle: Electronic impedance measurement
- Density compensation: Automatic, based on push force and motion measurement
- Temperature measurement range: -10 °C ... +80 °C (14 °F ... 176 °F)
- Temperature compensation: Semi-automatic
- Operating temperature range:
  - Handle/display: -10 °C ... +50 °C (14 °F ... 122 °F)
  - Probe: -10 °C ... +80 °C (14 °F ... 176 °F)
- Battery: 9 V alkaline battery, IEC type 6LR61 or 6LF22
- Dimensions: 810 mm x 105 mm x 45 mm
- Probe length: 50 cm
- Weight with battery: 800 g
- Weight (in sales packaging): 1.1 kg
- Package size 830 x 105 x 50 mm



## PACKAGE CONTENTS

- Wile 500 moisture/temperature meter
- Battery
- Operator's manual
- USB cable

FARMCOMP AGROELECTRONICS

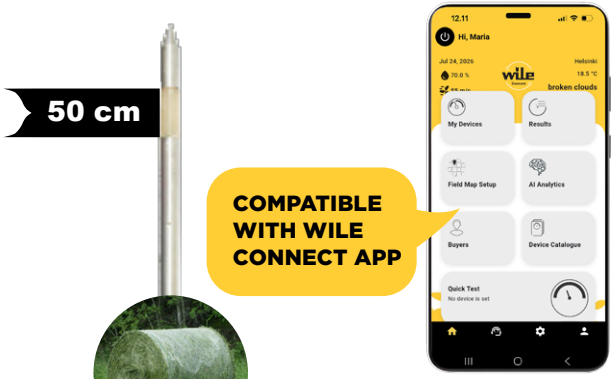
Farmcomp Oy | Jusslansuora 8, FI-04360 Tuusula, Finland | info@farmcomp.fi

Read more: www.wile.fi

# MOISTURE AND TEMPERATURE METER FOR BALED HAY, HAYLAGE, STRAW AND SILAGE

## WILE 500 & 500-S FEATURES

- Measures moisture and temperature of baled hay, straw, haylage or silage at the tip of a 50/25 cm long probe shaft
- Automatic density compensation
- Semi-automatic temperature compensation
- Fast and easy to use: display instructs user during measurement
- Memory can store measurement results for 64 bales, with total of 1000 moisture or temperature results
- Easy access USB port for updates and measurement results download
- Automatic statistics (AVG, HI) of stored bale measurements
- Automatic power-off
- Soft grip on handle
- Push action triggers moisture measurement
- User adjustable moisture offset calibration, separate for each bale type
- User accessible automatic calibration
- Backlit graphical LCD display
- Durable stainless steel probe
- User interface in local languages
- Low battery warning
- Operating temperature range warning
- Patented
- Compatible with Wile Connect app (manually)



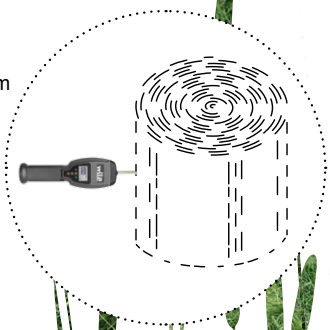






## TECHNICAL SPECIFICATION

- Display resolution:
  - Moisture: 0.1 % (percentage of water in weight)
  - Temperature: 0.1 °C or 0.1 °F
- Moisture measurement range (percentage of water in weight at 15°C (59°F) temperature):
  - Hay and haylage: 8 % ... 80 %
  - Straw: 8 % ... 25 %
  - Hay Silage: 30 % ... 84 %
  - Corn Silage: 40 % ... 76 %
  - Alfalfa: 8 % ... 75 %
- Moisture measurement accuracy:
  - 10 % to 20 %: 1.4 %
  - 20 % to 30 %: 2 %
  - 30 % to 50 %: 4 %
  - 50 % to 70 %: 6 %
- Reference method for moisture determination: Oven dry method according to ISO 6496:1999, EY N:o 152/2009, with samples acquired using a core sampler drill from the depth of moisture measurement
- Moisture measurement principle: Electronic impedance measurement
- Density compensation: Automatic, based on push force and motion measurement
- Temperature measurement range: -10 °C ... +80 °C (14 °F ... 176 °F)
- Temperature compensation: Semi-automatic
- Operating temperature range:
  - Handle/display: -10 °C ... +50 °C (14 °F ... 122 °F)
  - Probe: -10 °C ... +80 °C (14 °F ... 176 °F)
- Battery: 9 V alkaline battery, IEC type 6LR61 or 6LF22
- Dimensions: 810 x 105 x 45 mm / 570 x 105 x 45 mm
- Probe length: 50/25 cm
- Weight with battery: 800/730 g
- Weight (in sales packaging): 1.1/1 kg
- Package size: 830 x 105 x 50 mm / 590 x 105 x 55 mm



## PACKAGE CONTENTS

- Wile 500/500-S moisture/temperature meter
- Battery
- Operator's manual
- USB cable

FARMCOMP AGROELECTRONICS
Farmcomp Oy | Jusslansuora 8, FI-04360 Tuusula, Finland | info@farmcomp.fi

Read more:
www.wile.fi