



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

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)
- Measurement memory: 64 bales, with total of 1000 moisture or temperature results
- 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
- Package size 830 x 105 x 50 mm / 590 x 105 x 55 mm

PACKAGE CONTENTS

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

