

# Hay Moisture Meter

## Use Manual



The Prairie Grain Analyzer hay moisture meter is a fast determination device for measuring the moisture of compressed hay. The measurement is made by piercing the lance into the bale, the display of the result is in real time.

### Benefits of a hay and straw moisture meters

- Moisture control during harvest, purchase and sale
- Ensures food quality and prevents damage through fungal decay or rot
- Increases storage security and prevents from fire
- Saves time and costs due to unusable bales

### Specifications:

Display: 4 digital LCD

Measuring range: 8%-40%

Temperature: 0-60

Humidity: 5%-90%

Resolution: 0.1

Accuracy:  $\pm 0.5\%$

Operation: Electrical Resistance Method, Automatic temperature Compensation

Power supply: 4x1.5 AAA size (UM-4) battery

Dimensions: 460mm× 75mm× 35mm

Weight: 203G (not including batteries)

### Revise:

The following calibrations are used for temperature compensation. Use the following values in “revise” to accommodate for temperature that testing is completed at.

Environment Temperature	Under 0°C Under 32°F	0-10°C 32-50°F	10-15°C 50 -60°F	15-20°C 60 -68°F	20-30°C 68-86°F	Above 30°C Above 86°F
Calibration	3	2	1	0	-1	-2

**Varieties:**

This option is used for moisture meters that have been calibrated for other grains/soil etc. The Hay moisture meter is only calibrated to test Hay and therefore there will be no other varieties listed in this setting.

**Voice:**

This setting will increase and decrease the volume of the tester.

**Testing:**

Power up the machine and insert the two sensors inside the hay bale. The instrument will show the moisture content. You will need to insert the sensors at a 90 degrees angle to hay. Avoid moving the tester during testing.

**Changing Batteries:**

Screw off the plastic cap at the bottom of the machine. Note the polarities and insert 4 AAA batteries into the device. Rotate the cap back on before testing.