



ELECTRONIC  
DEVICES  
**FOR AGRICULTURE**

## TwistGrain pro

Moisture meter for cereals, maize, grass seeds, oilseeds, and legumes seeds.

**No. 1 among the moisture meters equipped with grain compression modality.**

### Accuracy

- +/- 0.5% accuracy for normalised grains.

### Precision in measuring

- nickel measurement chamber,
- innovative 4-point sample analysing method,
- quick and precise measurement of whole seeds,
- do not require periodic calibration.

### Casing and manufacturing features

- durable and ergonomic casing of ABS material,
- pocket size,
- weight only 500 g.

### Graphic display with LED backlighting

- energy-saving backlighting for easy reading under all conditions,
- shows: moisture, temperature, measurement average, full names of the species, modification value and current battery status.

### USB port

- help to update software and transfer moisture curves to a computer.

### Additional options

- external temperature probe made of stainless steel,
- memory capacity for up to 400 different grains.
- free software for data analysis.

**Moisture meters from Dрамиński do not require periodic calibration.**

- TWO OPERATING MODES TO CHOOSE FROM
- PRECISE MEASUREMENTS (4 FREQUENCIES)
- LARGE MEMORY
- EXHAUSTIVE LIST OF CALIBRATIONS
- USB SOCKET
- DATA TRANSMISSION SOFTWARE
- 3-YEAR WARRANTY

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## GMDM

### A grain moisture and density meter

Designed for professionals to carry out accurate measurements of grain moisture and density. You will appreciate its reliability and easiness to operate.

**You will increase profit of your farm.**

Thanks to fast estimation of moisture and density of grain it will be much more effective to manage its harvesting, storage or reselling, which will soon reflect on an increase of your profit.

It performs moisture measurement of whole grains using weight-volume method. High precision of measurements is guaranteed by a special software and an integrated accurate electronic scale which takes into account the influence of fullness and variability of the grain on the result of the measurement. Meter has a second class of accuracy and an average measurement error is less than 0.5% for normalized grain. It also performs bulk density measurements (kg/hl).

- ACCURATE MEASUREMENT
- OPERATING TIME: APPROX. 45 HOURS
- WEIGHT OF THE DEVICE: 1655 g
- DURABLE SEMI-AUTOMATIC DISPENSER
- ROBUST ABS HOUSING

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## GMM pro

### Moisture meter with an integrated scale

It was designed for professionals. You will be able to carry out a precise measurement of the grain humidity using the weight-volume method. You will quickly appreciate its precision and simplicity of use.

**Thanks to the moisture meter you will increase profitability of your cultivation:**

- You will be sure that you sell the grain of the most profitable moisture, saving time and money
- You will be able to store large amounts of grain safely during a long period of time.
- You will reduce the risk of appearing of moulds in the grain.

You can carry out measurement of the whole grain with the help of weight-volume method by pouring the sample to the device. The integrated scale increases precision of the measurement. The measuring error for the standardized grain does not exceed 0.5%. An alpha-numeric LCD monitor displays full grain's name, humidity in % and its temperature.

- ACCURATE MEASUREMENT
- OPERATING TIME: APPROX. 28 HOURS
- DURABLE SEMI-AUTOMATIC DISPENSER
- ROBUST ABS HOUSING
- 3-YEAR WARRANTY

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## GMSv2

### Grain moisture meter with sample grinding

Provides accurate moisture measurements in field conditions. A special ratchet wrench enables grinding the grain, it also functions as a dispenser. Thanks to this you will be able to take and measure a proper quantity of the grain sample. It is recommended to test moisture of maize up to 45%. Ideal for drying units!

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## GMM mini

A small, handy and precise device which allows you to determine your grain moisture very quickly.

**GMM mini** has a developed but easy to use menu which enables easy access to the options that the user needs. You will take advantage of the graphic screen and you will get a lot of satisfaction working with your grain moisture meter.

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## HMM

A moisture tester for compressed hay and straw is a modern, digital device which helps to monitor moisture and temperature level of hay and straw. The most robust in the world!

**The device is available in 5 versions:**

- HMM with a 56 cm probe / HMM with a 200 cm probe
- HMM FIX with a probe permanently attached to the reader
- HMM&G – dedicated for coffee and cocoa
- HMM press – a moisture measurement system for hay and straw, designed for use in self-loading balers

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## PHG2

### Digital pH meter for soil and liquids

The second-generation Dramiński PHG digital pH meter for soil and liquids (e.g., feed) is a professional and essential tool in various industries. It allows you to quickly and accurately check the concentration of hydrogen ions expressed in pH units. Additionally, it measures voltage (mV) and temperature (°C/°F). The PHG2 is based on a device that has successfully served our clients since 1996. The new model maintains the accuracy and durability of its predecessor while featuring a large backlit display, user-updatable software, a multilingual menu with device settings, tool-free battery replacement, battery charge indicator, built-in memory for storing numerous measurements with date and time, free software for further data analysis on a computer, and the ability to catalog data by entered object names. All this and more is contained in the Dramiński PHG2 pH meter, making it a reliable, versatile device with a measurement accuracy of  $\pm 0.05$  pH that is worth investing in and enjoying for many years!

- ACCURATE MEASUREMENT
- TWO OPERATING MODES TO CHOOSE FROM
- LARGE MEMORY
- USB SOCKET
- DATA TRANSMISSION SOFTWARE
- SOIL pH ANALYSIS DIRECTLY IN THE FIELD

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## TROL2

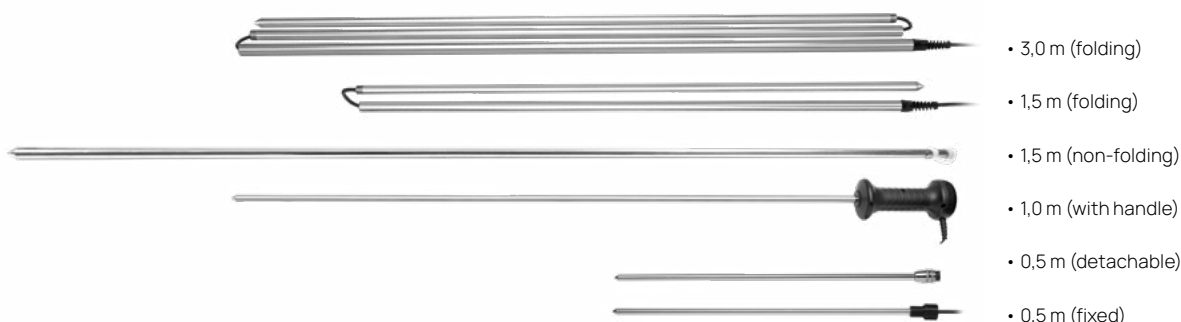
### Agricultural Thermometer

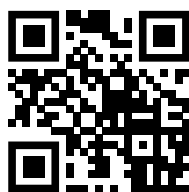
The second generation of Dramiński Digital Agricultural Thermometer TROL2 is a professional and useful tool for every modern farm. It allows temperature measurement of hay, grains, root crops, and other agricultural products stored in warehouses, silos, stacks, and heaps.

It is a small, portable device powered by four 1.5V AA/LR6 batteries. It can operate continuously for over 200 hours. It consists of a display unit and a sturdy, metal measuring probe made of weather-resistant steel (also known as weathering steel).

This new version of the meter features an extensive memory, allowing you to assign custom names to 250 measurement probes and store 1.1 million measurements with date and time information. A free PC application for managing the stored measurements is available (enabling archiving, generating both reports and spreadsheets, printing, and creating charts).

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