

The moisture meter that pays off!

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

- you will know what the quality of your grain is
- you will be sure that the moisture of the grain you leave at the collection point is exactly as it should be
- you will save time and money as far as deductions at the grain collection point are concerned
- you will store even large parts of grain safely for a long period of time
- you reduce the risk of moulds occurring in any part of grain
- you prevent the grain from heating in silos
- you increase profitability of your crops

Why is it worth having the DRAMINSKI GMM?

You will quickly appreciate positive qualities of this moisture meter because:



YOU WILL QUICKLY MEASURE MOISTURE OF THE GRAIN

Measurement of whole grains using capacitive method with hopper sampling. Alpha-numeric LCD monitor displays grain's full name, moisture in % and the temperature of the grain.



YOU WILL USE THE GMM FOR MORE THAN 60 DIFFERENT TYPES OF PLANTS

The GMM contains a rich and constantly growing list of calibration, it is also possible to add your own types.



YOU WILL APPRECIATE USABILITY OF YOUR GMM

You will be able to measure moisture of the grain in the field or in a storage place. Put your device on a flat surface. The weight of the device ready to work is just 940 g.

APPRECIATE INTUITIVITY OF YOUR GMM



The device is easy to use, it has an intuitive menu and a dirt resistant keyboard. A sound signal will tell you about the necessity to change the battery. Continuous work at 1 battery is about 45 hours. The measuring chamber made of brass has a sensor for automatic temperature compensation.



YOU WILL GET A FREE DISPENSER

A durable, made of ABS plastic dispenser will guarantee optimal volume of the sample.



NO WORRIES ABOUT DURABILITY OF YOUR GMM

Solid body made of shock-resistant ABS guarantees extreme durability of your moisture meter.

IN CASE OF A MALFUNCTION YOUR COMFORT IS OUR PRIORITY

We know how reliable our devices are, that is why you get a 2-year warranty.

Thanks to the benefits mentioned above, the **DRAMINSKI GMM** obtains positive opinions with the farmers all over the world.

The meter is calibrated for 30 species of cereal, oilseed, legume and grass seeds with the following measurement ranges:

1. rye 7.6% – 35.0%
2. wheat 7.2% – 35.0%
3. quality wheat 7.3% – 35.0%
4. triticale 7.4% – 35.0%
5. spring barley 8.0% – 35.0%
6. oat 8.0% – 35.0%
7. buckwheat 6.5% – 35.0%
8. horse bean 7.9% – 35.0%
9. yellow lupine 6.6% – 35.0%
10. narrow-leafed lupin 7.5% – 35.0%
11. pea 8.0% – 33.0%
12. field peas 7.8% – 35.0%
13. canola 4.0% – 30.0%
14. bean 7.7% – 30.0%
15. corn 8.0% – 43.0%
16. shelled sunflower seeds 6.0% – 14.9%
17. husk sunflower seeds 5.5% – 15.6%
18. perennial ryegrass 6.4% – 22.0%
19. red clover 5.7% – 26.3%
20. white clover 4.8%-25.0%
21. small kidney beans 8.9% – 30.4%
22. jack bean 8.9% – 30.0%
23. mustard 7.3% – 21.6%
24. panicum 4.0% – 18.6%
25. soya beans 7.5% – 28.8%
26. sorghum 9.8% – 28.3%
27. linseed 5.4% – 20.5%
28. white rice 7.4%-18.2%
29. wild rice 9.1%-21.4%
30. coffee beans 7.7%-30.0%

We can add new calibrations upon customer's request:

1. millet cereals 3.2% – 21.5%
2. cocksfoot 3.8% – 24.3%
3. cornmeal 8.0% – 25.0%
4. pearl barley – fine 8.0% – 20.0%
5. pearl barley – medium 8.0% – 20.0%
6. pearl barley – thick 9.0% – 21.4%
7. farina 6.5% – 18.0%
8. wheat germ 9.9% – 21.0%
9. monogerm beet root seed 7.7% – 23.3%
10. monogerm sugar beet 9.0% – 26.2%
11. meadow fescue 5.0% – 24.3%
12. milk thistle 8.0% – 35.0%
13. cherry stones 7.4% – 31.2%
14. black gram 5.0% – 35.0%
15. mung bean 5.0% – 35.0%
16. jute seed 5.0% – 35.0%
17. onion seed 5.0% – 35.0%
18. tall fescue 5.5% – 24.5%
19. shelled pumpkin seeds 5.8% – 25.0%
20. zucchini 5.3% – 14.7%
21. beetroot 7.1% – 19.0%
22. cucumber 3.7% – 12.4%
23. broad bean 7.1% – 19.0%
24. naked oat 9.0% – 20.0%
25. buckwheat kasha not roasted 10% – 20%
26. hybrid Ryegrass 6.5% – 24.5%
27. tetraploid Perennial Ryegrass 7.2% – 24.9%
28. italian rye-grass 7.5% – 25.2%

There is a possibility of extending the list of species. Please contact us, if you're interested.

What is shortened modification used for?

DRAMINSKI Grain Moisture Tester gives possibility of modifying calibration curves. Tester users can calibrate the device on their own, i.e. modify preset moisture curves for each species, which curves have been created based on comparative studies with the use of an oven-drying method.

Calibration consists in modifying (correcting) tester readings by increasing or decreasing the value of readings for a given species by the same amount within the entire measurement range. Modification is made, if the user finds that for a given species a device tends to overestimate or underestimate the results by a similar value within the entire moisture range.

The set includes:

- DRAMIŃSKI GMM moisture meter,

- special dispenser with a bolt,
- 1 x 9V 6LF-22 type alkaline battery,
- reusable transport packaging (made of plastic),
- manual.

Technical data

Dimensions	25.0 x 16.0 x 11.5 cm
Unit weight	940 g (with battery)
Sample loading	manual, using dosage tube with slider
Sample volume	270 ml
Moisture measurement method	capacitive
Power supply	1 x 9 V battery, type 6LF-22
Power input	about 12 mA
Estimated working time on one battery pack	about 45 h
Battery low indication	Automatic
Display	LCD, alphanumeric 2 x 16 digits
Keyboard	membrane
Measurement resolution	temperature – 1°C, moisture – 0,1%
Data modification	using keyboard – Data modification option
Range of temperature measurement	from 0 °C to about 70 °C
Temperature compensation	Automatic
Accuracy of temperature measurement	±1 °C

Accuracy of moisture content measurement $\pm 1\%$ in the range up to 10 % of moisture $\pm 1,5\%$ in the range above 10 % of moisture and can increase with moisture level

Recommended working temperature from 10°C to 35°C

Recommended storage temperature from 5°C to 45°C