

Modern technology
for use in crop
cultivation



DRAMIŃSKI pH Meter for soil and liquids

Tester is used for identifying concentration of hydrogen ions expressed in pH units.

DRAMIŃSKI Agricultural Thermometer

The agricultural thermometer measures temperature of hay, grain, root vegetables and other crops during storage in stacks, silos, piles and clamps.



DRAMIŃSKI pH Meter for soil and liquids

Tester is used for identifying concentration of hydrogen ions expressed in pH units. In addition, it allows for measuring temperature (in °C) and voltage (in mV). It also determines liquid acidity (e.g. fodder). The device is equipped with a temperature probe that allows for automatic compensation and measurement of temperature. The tester works with all types of pH-meter electrodes with a typical TNC-50 connector.

The set includes: DRAMIŃSKI PHG pH-meter, pH-metric (glass) probe, temperature probe, 2 buffers for calibrating the pH-metric probe, 1 x 9 V 6F-22 type battery, reusable transport packaging (made of plastic), manual.

TECHNICAL DATA

Unit weight	230 g (with battery and probe)
Dimensions	18.0 x 7.0 x 9.0 cm
Range of pH measurements	pH from 0 to 14
Range of mV measurements	from -500 mV to +500 mV
Temperature measurement	from -30 °C to 130 °C
Temperature compensation	automatic and manual from 0 °C to 120 °C
pH resolution	0.01 pH
Accuracy of pH measurements	±0.05 pH
Ph electrode working temperature	from 1 °C to 90 °C
Temperature resolution	0.1 °C
Accuracy of temp. Measurement	1 °C
Display	LCD, 3.5 digits
Keyboard	membrane
Power supply	1 x 9 V battery, type 6F-22
Battery low indication	automatic
Power input	about 8 mA
Estimated working time on one battery pack	about 50 h
Working temperature	from 4 °C to 50 °C
Recommended storage temperature	from 5 °C to 45 °C



DRAMIŃSKI Agricultural Thermometer

It is a small, portable meter powered by a 9V battery. The thermometer is equipped with a stainless steel probe that allows for easy measurement in stacks, piles, silos, etc.

The device is produced with two types of probes: 1.5 m (folded into two parts, 0.75 m each), 3 m (folded into three parts, 1 m each), other probe versions can be ordered at the client's request.

The set includes: DRAMIŃSKI TROL agricultural thermometer, measuring probe (length depending on the client's choice: 1.5 m folding / 3 m folding), 1 x 9V 6F-22 type battery, transport packaging made of grey cardboard, manual.

TECHNICAL DATA

Dimensions	9.5 x 7.0 x 17.0 cm
Unit weight	about 1100 g with 1.5 m probe about 1500 g with 3 m probe
Temperature resolution	0.1 °C
Accuracy of temp. measurement	1 °C
Display	LCD, 3.5 digits
Power supply	1 x 9 V battery, type 6F-22
Battery low indication	automatic
Power input	about 2 mA
Estimated working time on one battery pack	about 200 h
Measurement range	-50 °C to +150 °C
Length of the cable probe	1.5 m
Recommended storage temperature	from 5 °C to 45 °C

