

WATERPROOF POCKETSIZE pH-METER CP-105

Designed for pH, mV, redox potential and temperature measurement.
Pocket-size, easy in use meter of good technical parameters.

Characteristic features:

- Designed for field work.
- The head is chosen depending on measuring requirements.
- The heads, which may be chosen:
 - for measurements in clear water – **GP-105** head,
 - for measurements in sewage, soil, paste, cream – **GPX-105s** head,
 - for redox (mV) measurements – **GR-105k** head.
- Fully waterproof- IP-67.
- 1 to 3 point pH calibration.
- Automatic detection of buffer solutions 4,00, 7,00, 9,00 pH or 4,00, 7,00, 10,00 pH.
- Automatic temperature compensation.
- Powered with batteries (3 x LR44).
- Long-lasting work on one battery set.
- Automatic switch off function protects the batteries against discharging.
- Warranty for the meter: 24 months.

GPX-105s head is equipped with durable pH electrode by australian company „lonode” of untypical construction. It has „intermediate junction”, which protects the real junction (diaphragm) of the electrode against clogging, ensures stable measurements in majority types of liquids or semi-liquid masses, in which other electrodes quickly stop working. The head's sleeve is chosen depending on requirements. When properly handled, the head may be efficient for several years.



Technical Data

Function	pH	Redox / mV	Temperature
Range	0.00 ÷ 14.00 pH	± 1200 mV	with GP-105 head: -5 ÷ 60 °C with GPX-105s head: 0 ÷ 60 °C
Accuracy (± 1 digit)	± 0.02 pH *	± 1mV	0.8 °C with temperature sensor
Temperature compensation	-5 ÷ 60 °C	-	-
Input impedance	10 ¹² Ω	10 ¹² Ω	-
Power supply	3x LR44 batteries		
Weight	with GP-105 head: 60 g with GPX-105s head: 70 g		
Dimensions (mm)	with GP-105 head: L=160, ϕ = 26 with GPX-105s head: L=220, ϕ = 26		
Continuous work time	80 h		

*Accuracy of the meter without pH electrode.