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# DUAL-CHANNEL ON-LINE PH METER

# **MARK® 902**

Is a dual-channel meter for continuous measuring of pH (absolute and adjusted to 25°C), mV and temperature of water and aqueous solutions.

## 2 channels

Programmable ranges of measurements for each channel. Independent measurements in two points.



- Convenience and accuracy of measurement, minimum maintenance Automatic temperature compensation. Two-buffers calibration, buffer auto recognition.
- «Active» sensor unit
  Digital communication channel of the sensor with the converting unit up to 100 m.
- Communication with external devices
  2 galvanic isolated current outputs 0–5/4–20/0–20mA.
  RS 485 galvanic isolated port.
  Programmable setpoints for each channel.
- Durable aluminum case IP65 Instrument is protected from dust and moisture.
- Graphic LCD display with backlight Easy input of all parameters by keypad.

#### SPECIFICATION

	Measuring range	Resolution	Accuracy
рН	0-15 <sup>1</sup> 0-12 <sup>2</sup>	0,01	±0,02 <sup>1</sup> ±0,05 <sup>2</sup>
mV	-1000/+1000	1	±2
Temperature, °C	0-50 *	0,1	±0,3

<sup>1</sup> for converting unit, <sup>2</sup> the pH-meter with the sensor incorporated, \*automatic temperature compensation range

Mounting	Wall	Panel
Dimensions, mm	266*170*95	252*146*100
Weight, kg	2,60	2,60

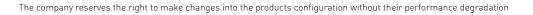
Power supply

220 V, 50 Hz /10 V·A

#### ENVIRONMENT REQUIREMENTS

Water and water solutions free from fluoric-hydrogen acid or its salts and agents which generate sediments or films on the electrode surface

Temperature, °C	5–50
Water flow rate at work with the hydraulic panel HP 902, dm³/min	0,1–2





order information

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## BASIC KIT

Converting unit Sensor unit SU 902 c omprised of: - amplifier unit - temperature sensor - electrodes ES 10601/7, ESR 10106/3.0 5 meter connecting cable C 902.5 Hydraulic panel HP 902 Operation manual

#### OPTIONALLY

Sensor unit SU 902 for the second unit Hydraulic panel HP 902 for the second channel Connecting cable C 902.L up to 100 m OPC-server

