

dual-channel on-line pH meter
MARK® 902

Continuous measurements of pH (absolute and adjusted to 25 °C), mV and temperature of water and aqueous solutions at power engineering facilities.



2 channels |

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

Convenience and accuracy of measurement, minimum maintenance |

Automatic thermal compensation.
Two-buffers calibration, buffer auto recognition.

General line-dip «active» sensor unit |

Digital communication channel of the sensor with the converting unit – up to 100 m.

Communication with external devices |

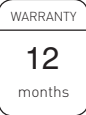
Galvanic isolated current outputs 0–5/4–20/0–20 mA.
RS 485 port. MODBUS RTU protocol.
Programmable setpoints for each channel.

Durable aluminum case IP65 |

Dust and moisture protected.

Backlit graphical LCD |

Easy input of all parameters by keypad.



specification

	Measuring range	Resolution	Accuracy
pH	0–15 ¹	0,001	±0,02 ¹
mV	-1000/+1000 ¹	1	±2 ¹
Temperature, °C	0–50 ¹	0,1	±0,3
¹ for converting unit			
Mounting	Wall	Panel	
Dimensions, mm	266*170*95	252*146*115	
Weight, kg	2,60	2,60	
Power supply	220 V or 36 V, 50 Hz/10 V · A		

environment requirements

Water and water solutions free of fluoric-hydrogen acid or its salts and agents forming sediments or films on the electrode surface

Temperature, °C	according to applied electrodes type	
Water flow rate through hydraulic panel, dm ³ /min		0,1–2

ORDERING DATA

basic kit

Converting unit
Sensor unit comprised of:
– amplifier unit
– temperature sensor
– electrodes
5 m cable
Hydraulic panel
Operation manual

optionally

Sensor unit for the second channel
Hydraulic panel for the second channel
Connecting cable up to 100 m
pH electrodes at customer's option