

DUAL-CHANNEL ON-LINE PH METER

MARK® 902 LD

Is a dual-channel meter for continuous in-line measurements of pH 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

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

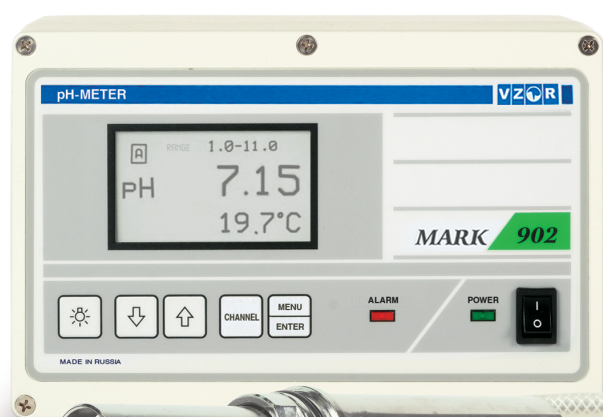
2 galvanic isolated current outputs 0–5/4–20/0–20mA.
RS 485 galvanic isolated port.
Programmable setpoints for each channel.

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
pH	0–12	0,01	±0,2
Temperature, °C	0–50 *	0,1	±0,3
*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
Ambient overpressure, bar, max.	0,25 ¹
	10 ²

¹ with pH-electrode ESK 10617/7, ² with foreign pH-electrode

The company reserves the right to make changes into the products configuration without their performance degradation

order information



BASIC KIT

Converting unit
Sensor unit
SU 902 LD comprised of:
– amplifier unit
– temperature sensor
– electrode ES 10601/7
5 meter connecting cable C 902.5
Operation manual

OPTIONALLY

Sensor unit SU 902 LD for the second channel
Connecting cable C 902 LD.L up to 100 m
Foreign pH-electrode (for ambient overpressure up to 10 bar)
In-line spare parts kit
OPC-server