

ON-LINE PH METER

MARK® 9010

Measuring of hydrogen ions activity (pH, pH 25) of high purity water (including water with adjusted conductivity 0.055 mkSm/sm) and alkaline water, containing ammonia and amines.
Chemical water treatment monitoring at power industry objects.

- New patented way of measuring, which does not require calibration. Absence of elements degrading in «high purity» water.
- The sole protecting case, uniting the secondary converter and hydraulic part. Graphical touch screen 5.7", 262000 colours, 640*480 pixels screen resolution.
- Built-in computer on the basis of Cirrus Logic EP 93xx, Windows CE. Intelligent algorithms of data operation.
- **Communication with external devices**
2 galvanic isolated current outputs 0–5/4–20/0–20mA.
RS 485 galvanic isolated port.
Communication protocol MODBUS RTU.



SPECIFICATION

	Measuring range	Resolution	Accuracy
pH	5,6–7		±0,05
	7–7,26	0,001	±0,15
	7,26–9,5		±0,05
Conductivity, mkSm/sm	0–10	0,0001	±(0,003 + 2% of measured value)
Temperature, °C	0–50 *	0,1	±0,3

*automatic temperature compensation range

Mounting	Wall
Dimensions, mm	800*295*130
Weight, kg	10

ENVIRONMENT REQUIREMENTS

Conductivity, mkSm/sm, max.	10
Temperature, °C	10–40
Sample flow rate, dm ³ /min	0,1–0,5

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

order information

WARRANTY

12
months