

DUAL-CHANNEL ON-LINE DISSOLVED OXYGEN METER

MARK® 409 T

Measuring of dissolved oxygen concentration and temperature of aqueous mediums, including deaired ones.

Continuous monitoring of chemical water treatment at thermal power and nuclear power industry objects.

Convenience and accuracy of measurement

Measurement accuracy $\pm(0,001+3,5\%$ of measured value) ppm.
Ability to work at small flow rates (min. 25 ml/min).
Routine maintenance 1 per year.

NEW high-stable sensor

High reaction speed.
Sealed ultra strong water-repellent membrane membrane.
The increased mechanical resistance of the construction.
Sleep mode when stored in air.

2 channels

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

Possibility of placing the converting unit on the remote distance from the point of control

Sensor cable length up to 100 m.

Communication with external devices

2 galvanic isolated current outputs 0–5/4–20/0–20mA.
RS 485 galvanic isolated port.
Communication protocol MODBUS RTU.

NEW Hydraulic panel HP 409 T

Possibility of placement the measurement system at the sole panel.
Stainles conductive lines.
Regular maintenance and sensor calibration – without flow interruption.



order information

WARRANTY

12
months

SPECIFICATION

	Measuring range	Resolution	Accuracy
DO concentration, ppm	0–10	0,0001	$\pm(0,001 + 3,5\%$ of measured value)
Temperature, °C	0–70*	0,1	$\pm 0,3$

*automatic temperature compensation range

ENVIRONMENT REQUIREMENTS

Temperature, °C	0–70
Water flow rate, ml/min, min.	25
Ambient overpressure, bar, max.	1

BASIC KIT

Converting unit
DO sensor DO 409 T
Hydraulic panel
DO sensor spare parts kit
Electrolyte
Operation manual

OPTIONALLY

DO sensor DO 409 T
for the second channel
Hydraulic panel
for the second channel
Extension cable
up to 100 m