

dual-channel on-line conductivity meter

MARK® 602 T

Continuous measurement of conductivity (absolute and adjusted to 20 °C and 25 °C), salinity, specific electrical resistance (adjusted to 20 °C and 25 °C) and temperature of water and aqueous solutions, including deionized and high purity water.



2 channels |

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

Convenience and accuracy of measurement, minimum maintenance |

Temperature up to 130 °C, pressure up to 1,6 MPa.
Dual automatic temperature compensation, within 0–100 °C.

Possibility of placing the converting unit on the remote distance from the sampling point |

Up to 1000 m.

Communication with external devices |

Galvanic isolated current outputs 0–5/4–20/0–20 mA.
RS 485 port. MODBUS RTU protocol. 3 «dry» contact relays in each channel.

Durable aluminum case IP65 | Dust and moisture protected.

Backlit graphical LCD | Easy input of all parameters by keypad.

WARRANTY

12

months



specification

	Measuring range	Resolution	Accuracy
Conductivity, $\mu\text{S/cm}$	0–2000 ¹ 0–20000 ²	0,0001	$\pm(0,001 + 2\%*\text{æ})$ $\pm(0,03 + 2\%*\text{æ})$
Salinity, mg/L	0–1000 ¹ 0–10000 ²	0,0001	$\pm(0,001 + 2,5\%*C)$ $\pm(0,03 + 2,5\%*C)$
Specific electrical resistance, $\kappa\text{Ohm*cm}$	0,5–100000 ¹ 0,05–1000 ²	0,001	$\pm(0,005+2\%*R)$ $\pm(0,0005+2\%*R)$
Temperature, °C	0–130	0,1	$\pm 0,3$

¹ with sensor CS 003 T, ² with sensor CS 3 T æ, C, R – measured values

	Converting unit		Sensor	
Mounting	Wall	Panel	CS 003 T	CS 3 T
Dimensions, mm	266*170*95	252*146*115	ø 41*130	ø 41*183
Weight, kg	2,60	2,60	0,70	1,0
Power supply	220 V or 36 V, 50 Hz / 14 V · A			

environment requirements

Temperature, °C	0–100
The medium rate perpendicular to the sensor axis, cm/sec, min	5
Pressure, MPa, max	1,6

Absence of agents forming nonconductive films and residues on metal surfaces

ORDERING DATA

basic kit

Converting unit
Sensor unit comprised of:
– amplifier unit
– conductivity sensor CS 003 T
or CS 3 T with 5 m cable
Operation manual

optionally

Sensor unit for the second channel
Flow sensor
Extension cable up to 1000 m
Flow-through chamber
In-line mounting kit
Mounting panel