

ONLINE CONDUCTIVITY ANALYZER

(High Temperature)

Model TMC-102 + TCON102

TCON102 series of online conductivity Sensor for Pure Water, in the interior of the Sensors achieve the automatic temperature compensation. With rapid response, low maintenance cost, real-time online measurement characters etc.



Features

- Range: 0 – 200 $\mu\text{S}/\text{cm}$
- Can work stably for a long time
- Built in temperature sensor, range 0 – 150 $^{\circ}\text{C}$.
- **High and low alarm:** set-up high and low alarm via relay output.
- **Waterproof and dust-proof:** good sealing instrument
- **Multi-screen display:** There are four kinds of sensors can connect to display, user-friendly display for the different requirements
- **Conductivity calibration:** provide slope calibration
- **Completed system ready to use.**



TECHNICAL SPECIFICATION

Controller Model: TMC-102

Housing box: ABS material ; IP 67

Display: Graphic LCD

Input sensor: max. 04 sensors

Communication output: Modbus RTU

Analog output: 4-20 mA

Relay output: 02 Transistor Relays

Power supply: 220 VAC or 24 VDC



Conductivity Sensor Model: TCON102

Parameter measurement: Conductivity; temperature

Measure range: Conductivity: 0~200 μ S/cm; Temperature: 0~150 °C

Accuracy: Conductivity: $\pm 2\%$ FS; Temperature: ± 0.5 °C

Resolution: Conductivity: 0.1 μ S/cm; Temperature: 0.1°C

Response Time: Less than 60 second

Working environment: Temperature 0 ~ 50 °C, Relative humidity <85%

Working pressure: Min. 1.2 bar ; Max. 2.5 bar

Dimension of transmitter: W280 x L130 x H190 mm

Dimension of sensor box: W80 x L70 x H250 mm



Made in Vietnam