

## ONLINE CHLORINE ANALYZER

### Model TMC Controller + TCO101

- **TCO101** is a new industrial residual chlorine sensor, with high intelligence, sensitivity. It can measure residual chlorine and temperature simultaneously. It is widely used in such industries as thermal power plant, running water, pharmaceutical, drinking water, water purification, industrial pure water, swimming pool disinfection residual chlorine continuous monitoring.

### Features

- **Highly intelligent:** TCO101 Industrial online residual chlorine sensor adopts industry leading overall design concept of the core components to ensure high-quality, export instruments.
- **Advantage features:** without using membrane, without using standard solution and without using reagent.
- **High and low alarm:** set-up high and low alarm via relay output.
- **Waterproof and dust-proof:** good sealing instrument.
- **Accessories:** integrated flowcell for electrode chlorine.
- **Multi-screen display:** There are four kinds of sensors can connect to display, user-friendly display for the different requirements;
- **Chlorine calibration:** provide slope calibration, clear menu design.
- **pH integrated sensor (option).** Model: TPS101.
- **Completed system ready to use.**



## TECHNICAL SPECIFICATION

### Completed system specification:

Housing box: ABS material ; IP 67

**Model controller: TMC-102**

Display: Graphic LCD

Input sensor: max. 04 sensors

Response time: < 10s

Transistor output for alarm/control: 2x1A/24 VDC

Communication output: Modbus RTU (RS485)

Analog output: 3x 4-20 mA

Integrated IoT card using GSM technology using GPRS/3G/4G data sim card (Option)

Power supply: 220 VAC or 24 VDC

**Model sensor: TCO101**

Electrodes: Platinum

Body Material: Glass

Measuring range: 0.01 ~ 2.00 mg/L

Resolution: 0.01mg /L

Repeatability: 0.01 mg/L

Working environment temperature: 0 to 45°C

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

Dimension of panel: W350 x H670 mm x L140mm

