

## ONLINE DISSOLVED OXYGEN ANALYZER

### Model TMC-102 + TDO103

TDO103 series online Dissolved Oxygen Sensor by Membrane Technology. Adopt original battery type oxygen sensing Sensor, and internal Sensor to achieve the automatic temperature compensation and digital signal conversion. With rapid response, low maintenance cost, and real-time online measurement.



### Features

- Range: 0 – 50 ppm (mg/L); 0 – 50 °C.
- The on-line oxygen sensing Sensor, can work stably for a long time.
- Built in temperature sensor, real-time temperature compensation.
- **High and low alarm:** set-up high and low alarm via relay output.
- **Accessories:** integrated in chamber/tank.
- **Multi-screen display:** There are four kinds of sensors can connect to display, user-friendly display for the different requirements.
- **DO calibration:** provide slope calibration.
- **Completed system ready to use.**



## TECHNICAL SPECIFICATION

### CONTROLLER

Housing box: ABS material; IP 67

Model: TMC-102

Display: Graphic LCD

Input sensor: max. 04 sensors

Relay output: 02 relays

Communication output: Modbus RTU

Analog output: 4-20 mA

Power supply: 220 VAC or 24 VDC



### DO SENSOR

Model: TDO103

Parameter measurement: Dissolved oxygen Measure range:

0~50.0mg/L; Temperature: 0~50°C Resolution: 0.01ppm

(mg/L); Temperature: 0.1°C

Accuracy:  $\pm 3\%$  FS; Temperature:  $\pm 0.5$  °C Housing

material: ABS

Dimension of transmitter: W280 x L130 x H190 mm

Dimension of sensor box: W140 x L95 x H230 mm



**Made in Vietnam**