

ONLINE PH ANALYZER

(pH Sensor for Waste Water)

Model TMC-102 + TPS103

TPS103 Series of online pH sensor for waste water, realizes the automatic temperature compensation in the interior of the sensors. High precision, good stability, long lifetime, with rapid response, low maintenance cost, real-time online measurement characters etc...



Features

- Range: 0 – 14 pH
- Temperature: 0 – 50 oC
- Built in temperature sensor, real-time temperature compensation.
- Auto Cleaning by using Air/Water Jet (Option)
- **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;
- **pH calibration:** provide slope calibration, clear menu design.
- **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

Relay output: 02 relays

Communication output: Modbus RTU RS485 Analog

output: 4-20 mA

Power supply: 220 VAC or 24 VDC

Model sensor: TPS103

Parameter measurement: pH, Temperature Measure

range: pH: 0.0 ~ 14.0; Temperature: 0 ~ 50.0°C

Accuracy: pH: ± 0.1 pH; Temperature: ± 0.5 °C

Resolution: pH: 0.01pH; Temperature: 0.1°C

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

