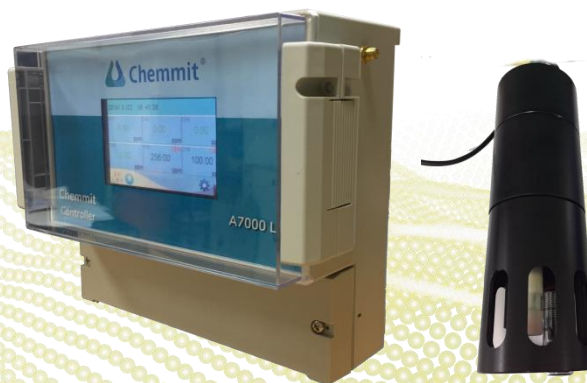


A7278 Multi-parameter Meter & Sensor for water analysis

To measures pH, DO, Free Chlorine, Ammonia, Turbidity and COD



Product Feature

- Base on a 24-bit high resolution A/D converter
- 4.3" LCD color touch panel display
- Built-in I/O module, anti-signal interference and pulse
- Signal processing integrated in digital sensor to improve measuring reliability and stability
- Auto alarm, auto detection, and auto calibration
- User-friendly graphical interface
- Available in language of English and Chinese.
- Automatic data storage and memory expendable by using USB
- Remote communication optional: Transfer onsite data via NB-IoT/ 4G/ WIFI wireless transmission
- Optional: Auto-cleaning wiper

Product Introduction

Chemmit A7278 Multi-parameter meter & sensor is designed and developed that greatly suits for various industries for a continuous 24/7 monitoring of water quality. It is consisted of a compact-designed controller and one (or two) probes which allow mix and match of various parameters (such as pH, DO, COD, Chlorine, Conductivity, Temperature, Turbidity, Suspended Solids, Chlorophyll, Algae, etc).

The system can work through website for simontaneous monitoring, review of historical trends and many other functions, at the same time, the user can remote control through a computer for function settings, monitoring alarms, conditional report production, and report data output.

Typical Application

- Wastewater Treatment
- Industrial effluents monitoring
- Municipal Sewage Effluent
- Aquaculture monitoring
- Oceans, rivers, lakes monitoring
- Process Water

A7278 Water Quality Multi-probe Analyzer

Controller Specification

Model Name	A7278
Housing	IP67 protection class, anti-UV corrosive material
Dimension	213 x 185 x 104.5mm (L x W x H)
Parameters	Allow mix and match of up to four (4) sensors.
Principle	24 bit high resolution A/D converter; high integrated SMD technology, Signal filtration
Electrical Conditions	Power supply range: 90~240VAC
Environmental Conditions	Ambient operating temperature: 0 - 40°C Ambient operating humidity: Up to 95% RH non-condensing
Display	4.3"LCD color touch panel display Can display to up 8 parameters at one screen.
Data Storage	Automatic data storage with capacity up to 5000 historical records. Can expend memory by using USB flash disk. Can back up the data to the Cloud.
Communications	TCP、UDP、MQTT With option of Transfer onsite data via NB-IoT/ 4G/ WIFI wireless transmission
Self-diagnosis	The system is continuously self-diagnosis. The error management helps to identify problems.
Certification	CE Mark. Certificate No. 3X180605.KSIUN08

Multi-parameter probe Specification

The system can be equipped with an optional automatic cleaning wiper. This cleaning device could prevent the growth of microorganisms from affecting the monitoring results and improve the quality of monitoring data.

Model Name	Measuring Range	Accuracy	Resolution	Description
MP-7010	DO : 0-20mg/L	±2%F.S.±0.5°C	0.01mg/L	Material : POM/ SUS316L Power : 12 ~ 24VDC ±10% Cable Length : standard 5M (longer length shall be upon request) Protection Class : IP68 Signal Output : RS-485(Modbus/RTU) With auto-cleaning wiper
	Turb. : 0~1000NTU	< 3%F.S	0.1NTU	
	Free Chlorine: 0~5 ppm	±1.5%F.S.	1uS/cm	
	COD : 0~1000mg/L	±5%F.S.	0.1mg/L	
	pH : 0~14pH	±0.1pH	0.01pH	
	Ammonia:0~1000mg/L	±10%或 ±2mg/L	0.1mg/L	
	Temp: 0~50°C	±0.5°C	0.1°C	

