



Digital information wireless transmission



8050D Multi-Probe Water Quality Analyze System

RS485 Modbus RTU output

pH ORP Conductivity/TDS/Salinity Dissolved Oxygen Temperature

Order number	8050D
Specifications	
pH range:	0 - 14
Zero point(pH):	7.00 ± 0.25
Resolution:	0.01pH
Reference system:	SNEX Ag/ AgCl/ KCl
Liquid junction:	SNEX
ORP range:	-2000mV - 2000mV
Resolution:	1mV
Accuracy:	± 1mV
Membrane:	Pt
Liquid junction:	SNEX
Conductivity	1.0 μS/cm ~ 20.00 mS/cm
Resolution:	0.1 μS/cm ~ 0.01 mS/cm
Cell constant	K=1.0
Temperature coefficient	0.00 %~10.00 %
TDS	1.0 ppm ~ 10.00 ppt
Resolution	0.1 ppm ~ 0.01 ppt
TDS factor	0.40 ~ 1.0
Salinity	0.0 ~ 16.0 g/L
Resolution	0.1 g/L
Accuracy	±0.5% FS
Salinity factor	0.2~0.8 Factory default(0.60)
Liquid junction	Glass , Pt
Dissolved Oxygen	0.0-400.0%, 0.00-40.00 mg/L
Resolution	0.1%, 0.01 mg/L
Accuracy	±0.2% FS
Pressure	+20 ~ -10 bar
Method	Polarography
Salinity Compensation	0.0 ~ 50.0 ppt
Temperature Compensation	0.0 ~ 50.0 °C
Pressure Compensation	600 ~ 2000 mBar
Response time:	< 60 s (95%, 25 °C)
Stabilization time:	15 - 20 min
Zero drift	<0.5%
Temperature	0 - 60 °C
Accuracy	± 0.5 °C
Unit	°C
Shaft material	POM
Size	Φ72 x 205 mm
Weight	1.0 Kg
Sensor cap	NPT 1"
Cable	5m
Connector	terminals
Communication interface / Protocol	RS-485 Modbus RTU
Power input	DC-12V
Output	pH,ORP,Conductivity, TDS, Salinity, Dissolved Oxygen, Temperature
IP rated	IP68

