APURE

Measurement & Analysis

Water Quality Monitoring Controllers * Sensors

Ensuring that water quality is always at its best, balancing the variables that impact it, demands measuring and dosing systems with the highest accuracy.

They are available in different performance classes ensuring easy integration into every process environment.

Multi-parameter Measurement System

APURE's products offer very high precision and reproducible analysis results with minimum time and effort.

At the core of any operation where water quality is key, the ability to measure and control the quality quickly, accurately and with a reassurance constancy is paramount.

ISO 9001:2015 CE ROHS

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PH/ORP Controller

0

R1

R2

Apure

	Model	A10PR
	Measuring Range	0-14.00pH; -1999~1999mV; 0~135.0°C
A10PR	Resolution	0.01pH, 1mV, 0.1°C
4.00mA _{R3}	Accuracy	±0.01pH ±1mV ±0.2℃
.00 R24L °	Relay Output	3-Relay, high-low point trigger
25.0°C RS	Signal Output	4-20mA, RS485 Modbus RTU
RP Controller	Power Supply	100-240VAC, 24VDC, 50/60HZ
	Dimensions	96*96*132mm(H*W*D)
Enter	Cut-off Dimensions	92.5*92.5mm(H*W)
۲	Protection	IP65
	Calibration mode	2-point calibration
10PR	Installation	Wall or pipe or panel mounting
	Weight	0.5kg
	Temp Compensation	PT1000, NTC10K, Manual

Weight

Temp Compensation

	Model	A20PR
	Measuring Range	0-14.00pH; -1999~1999mV; 0~135.0°C
Apure A20PR	Resolution	0.01pH, 1mV, 0.1°C
5 16 R1-L	Accuracy	±0.01pH ±1mV ±0.2°C
D. IO pH	Relay Output	3-Relay, high-low point trigger
2022-10-01 10:50 AM	Signal Output	4-20mA, RS485 Modbus RTU
ti R2 R3 R5	Power Supply	100-240VAC, 24VDC, 50/60HZ
	Dimensions	144*144*115mm(H*W*D)
ESC Down Up Right Enter	Cut-off Dimensions	138*138mm(H*W)
Intelligent industrial controller	Protection	IP65
	Calibration mode	2-point calibration
ACORD	Installation	Wall or pipe or panel mounting
AZUMK		

PH/ORP Controller

0.5kg

PT1000, NTC10K, Manual

PH/ORP Controller

	Model	A30PR
	Measuring Range	0-14.00pH; -1999~1999mV; 0~135.0°C
	Resolution	0.01pH, 1mV, 0.1°C
	Accuracy	±0.01pH ±1mV ±0.2°C
Theory State	Relay Output	1-Relay, high-low point trigger
	Signal Output	4-20mA output
Meas 12.13 mA PH 25.0 c Mt Apure A30PR	Power Supply	100-240VAC, 24VDC, 50/60HZ
	Dimensions	48*96*110mm(H*W*D)
	Cut-off Dimensions	42*90mm(H*W)
	Protection	IP65
	Calibration mode	2-point calibration
ASOBB	Installation	Wall or pipe or panel mounting
AJUPK	Weight	0.3kg

Temp Compensation

	Model
0	Measuring Range
pure RP-3000	Resolution
4.09 PH Relay1	Accuracy
	Relay Output
12.02mA	Signal Output
25.0 C	Power Supply
	Dimensions
Industrial pH&ORP Controller	Cut-off Dimensions
	Protection
DD 2000	Calibration mode
RP-3000	Installation

RP-3000
0-14.00pH; -1999~1999mV; 0~135.0°C
0.01pH, 1mV, 0.1°C
±0.01pH ±1mV ±0.2°C
2-Relay, high-low point trigger
4-20mA * RS485 Modbus RTU
100-240VAC, 24VDC, 50/60HZ
144*144*115mm(H*W*D)
138*135mm(H*W)
IP65
2 or 3-point Calibration
Wall or pipe or panel mounting
0.5kg
PT1000, NTC10K, Manual

PT1000, NTC10K, Manual

Wieusuning Runge
Resolution
Accuracy
Relay Output
Signal Output
Power Supply
Dimensions
Cut-off Dimensions
Protection
Calibration mode
Installation
Weight

Temp Compensation



PH/ORP Controller

More information www.apureinstrument.com sales@glenvironment.com

GRT1020

Application: Conventional Sewage treatment, Swimming Pool treatment, Industrial Process, etc.



GRT1020J

Application: Sewage treatment, Washing, Scrubber

Detergents, Indutrial Process, Seawater, etc.



GRT1020T

Applicaton: Sewage treatment with hydrofluoric acid.

Wastewater from the semiconductor, steel industry, etc.



Specifications

Measuring range: 0-14pH Working temperature: 0-60 Pressure: 0-3Bar Installation: 3/4'' NPT Thread Material: PA6+30%GF

Specifications

Measuring range: 0-14pH Working temperature: 0-60 Pressure: 0-3Bar Installation: 3/4'' NPT Thread Material: PTFE

Specifications

Measuring range: 0-14pH Working temperature: 0-60 Pressure: 0-3Bar Installation: 3/4'' NPT Thread Material: ABS plastic

GRT1030

Applicaton: Sewage treatment with limes lurry.



Specifications

Measuring range: 0-14pH Working temperature: 0-70 Pressure: 0-3Bar Installation: 3/4" NPT Thread Material: ABS plastic

pH/ORP Sensor

GRT3010

Application: Conventional Sewage treatment, Swimming Pool treatment, Industrial Process, etc.



GRT1080

Application: High temperature and high pressure resistance, weak corrosive sewage treatment.



GRT1120

Applicaton: Conventional sewage, agriculture, circulating water, surface water, aquaculture, etc



GRT1120C

Applicaton: low conductivity water, cleam water, drinking water, etc



Specifications

Measuring range: 0-14pH Working temperature: 0-60 Pressure: 0-3Bar Installation: 3/4'' NPT Thread Material: PVC plastic Protection: IP68

Specifications

Measuring range: 0-14pH Working temperature: 0-80 Pressure: 0-6Bar Installation: 3/4'' NPT Thread Material: PC+PPS plastic

Specifications

Measuring range: 0-14pH Working temperature: 0-60 Pressure: 0-3Bar Installation: PG 13.5 Screw Material: Glass

Specifications

Measuring range: 0-14pH Working temperature: 0-60 Pressure: 0-3Bar Installation: PG 13.5 Screw Material: Glass

pH/ORP Sensor

GRT1130

Application: Liquids containing hydrofluoric acid Semiconductors, high-temperature wastewater from the iron and steel industry, etc.



GRT1320A/B

Application: High temperature sterilization, strong acid and alkali industry.



GRT1020P

Applicaton: Conventional sewage, agriculture, circulating water, surface water, aquaculture, etc



GRT1120P

Applicaton: Conventional sewage, agriculture, circulating water, surface water, aquaculture, etc



Specifications

Measuring range: 0-14pH Working temperature: 0-100 Pressure: 0-3Bar Installation: PG 13.5 Screw Material: Glass

Specifications

Measuring range: 0-14pH Working temperature: 0-135 Pressure: 0-3Bar Installation: PG 13.5 Screw Material: Glass

Specifications

Measuring range: ±1999mV Working temperature: 0-60 Pressure: 0-3Bar Installation: 3/4'' NPT Thread Material: PA6+30%GF

Specifications

Measuring range: ±1999mV Working temperature: 0-60 Pressure: 0-3Bar Installation: PG 13.5 Screw Material: Glass

pH/ORP Sensor

GRT1130P

Application: Liquids containing hydrofluoric acid Semiconductors, high-temperature wastewater from the iron and steel industry, etc.



Specifications

Measuring range: ±1999mV Working temperature: 0-100 Pressure: 0-3Bar Installation: PG 13.5 Screw Material: Glass

pH/ORP Sensor

Accessory

Immersion Holders

Robust, precise and durable interface to measuring processes in tanks, basins and pipes.

PP1020-100

Ensure correct assembly and mechanical protection with degree of impermeability for sensors. Submersible in tanks, insertable in pipes.



PP1120-100

Ensure correct assembly and mechanical protection with degree of impermeability for sensors. Submersible in tanks, insertable in pipes.



Specifications

Material: PVC (PPR optional) Sensor adapter: 3/4" NPT Thread Immersion depths: 1m, 2m, 3m Process temperature: 0 – 60 1 probe for Plastic pH/ORP

Specifications

Material: PVC Sensor adapter: 3/4" NPT Thread * PG13.5 Immersion depths: 1m, 2m, 3m Process temperature: 0 – 60 1 probe for Glass pH/ORP

Accessory

In-Line Holders

PF-1120G/SS-1130G/PP-1120G

Suitable for aggressive chemical processes as well as for processes with high level hygiene requirements.



Specifications

Material: PVDF / Stainless Steel 316L / PP

Process temperature: 0 – 135 (PVDF/Stainless Steel)

1 probe for Glass pH/ORP(PG13.5)

Flow-Through Holders

PTB1010/PTB1130

Used for measurement in either a by pass or directly in the main liquid flow, where flow direction may be different.



Specifications

Material: Acrylic

Sensor adapter: 3/4" NPT Thread (PTB1010); PG 13.5(PTB1130)

Process temperature: 0 - 60

1 probe for Glass pH/ORP

Signal Amplifier/Junction Box





Buffer Solutions



More information www.apureinstrument.com sales@glenvironment.com

Quantity: 250mL each, 500mL each For pH Value: 1.68pH, 4.00pH, 4.01pH, 6.86pH, 7.00pH, 9.18pH, 10.00pH For ORP Value: 86mV, 220mV, 256mV For Conductivity Value: 1.3uS/cm, 10uS/cm, 84uS/cm, 100uS/cm, 146.6uS/cm, 1000uS/cm, 1408uS/cm, 1413uS/cm, 12.85mS/cm, 12.88mS/cm, 100mS/cm



Conductivity/TDS Controller

Temp Co

			Meas
Apure	A10CD	0	
Measuring	4.00mA	R3	R
14	13 R2-L	•	Si
Conductivity	25.0°C	RS	P
Conductivity C	2.25 AM Controller	9	
200			Cut-off
		ter	
		0	Calib
A10	CD		
	Apure Measuring 14 Conductivity 2020-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	Apure A10CD Measuring 4.00mA 1413 R24 1413 J3/CCT 200011-07 2:25 AM Conductivity Controller	Apure A10CD Measuring 4.00mA 1413 R21 0 1413 µs/cm 25.0°C 2020-01-07 2:25.AW Conductivity Controller

Model	A10CD
suring Range	0.05uS/cm-200mS/cm; 0.00-20MΩ⋅cm; 0-9999ppm
Resolution	0.01uS/cm; 1ppm
Accuracy	±0.01uS/cm; ±1ppm
Relay Output	3-Relay, high-low point trigger
ignal Output	4-20mA, RS485 Modbus RTU
ower Supply	100-240VAC, 24VDC, 50/60HZ
Dimensions	96*96*132mm(H*W*D)
f Dimensions	92.5*92.5mm(H*W)
Protection	IP65
oration mode	1-point Calibration
Installation	Wall or pipe or panel mounting
Weight	0.5kg
ompensation	PT1000, NTC10K, Manual

	Model	A20CD
	Measuring Range	0.05uS/cm-200mS/cm; 0.00-20MΩ⋅cm; 0-9999ppm
Apure A20CD	Resolution	0.01uS/cm; 1ppm
Measuring 8.00	Accuracy	±0.01uS/cm; ±1ppm
312 uS/cm	Relay Output	3-Relay, high-low point trigger
Conductivity 25.0℃ 2022-10-01 10:50 AM	Signal Output	4-20mA, RS485 Modbus RTU
	Power Supply	100-240VAC, 24VDC, 50/60HZ
R1 R2 R3 R5	Dimensions	144*144*115mm(H*W*D)
	Cut-off Dimensions	138*138mm(H*W)
	Protection	IP65
Intelligent industrial controller	Calibration mode	1-point Calibration
10000	Installation	Wall or pipe or panel mounting
AZUCD	Weight	0.5kg
	Temp Compensation	PT1000, NTC10K, Manual

Conductivity/TDS Controller

Conductivity Controller

	Model	A30CD
	Measuring Range	0.05uS/cm-200mS/cm; 0.00-20.00M ·cm
	Resolution	0.01uS/cm, 0.2℃
And and a second a second a	Accuracy	±0.01uS/cm
	Relay Output	1-Relay, high-low point trigger
	Signal Output	4-20mA output
Meas 240 mA	Power Supply	100-240VAC, 24VDC, 50/60HZ
	Dimensions	48*96*110mm(H*W*D)
25.0,	Cut-off Dimensions	42*90mm(H*W)
	Protection	IP65
	Calibration mode	1-point Calibration
A30CD	Installation	Wall or pipe or panel mounting
	Weight	0.3kg
	Temp Compensation	PT1000, NTC10K, Manual

Conductivity Controller

Conductivity Sensors

KS-0.01



KS-0.1



Specifications

Measuring range: 0.054uS/cm-10uS/cm, 0.1-18.50M ·cm Working temperature: 0-50 Pressure: 0-4Bar Installation: 1/2'' NPT Thread Material: ABS + SS316L Cell : 0.01 Temperature compensation: NTC10K

Specifications

Measuring range: 0.2uS/cm-200uS/cm Working temperature: 0-50 Pressure: 0-4Bar Installation: 1/2'' NPT Thread Material: ABS + SS316L Cell : 0.1 Temperature compensation: NTC10K

Conductivity Sensors

Conductivity Sensors

KS-1 / KS-10



KSS Series



KSW Series



KSF-10



Specifications

Measuring range: 2uS/cm-20,000uS/cm(KS-1), 0-9999ppm(KS-1), 2mS/cm-200mS/cm(KS-10) Working temperature: 0-50 Pressure: 0-4Bar Installation: 1/2'' NPT Thread Material: ABS

Temperature compensation: NTC10K

Specifications

Cell: 1.0, 10.0

Measuring range: 0.1uS/cm-200mS/cm Working temperature: 0-120 Pressure: 0-4Bar Installation: 1/2" NPT Thread Material: SS316L Cell : 0.01/0.1/1.0/10.0 Temperature compensation: NTC10K, PT1000

Specifications

Measuring range: 0.1uS/cm-200mS/cm Working temperature: 0-120 Pressure: 0-4Bar Installation: 50.5 Flange Material: SS316L Cell : 0.01/0.1/1.0/10.0 Temperature compensation: NTC10K, PT1000

Specifications

Measuring range: 10uS/cm-200mS/cm Working temperature: 0-120 Pressure: 0-4Bar Installation: 3/4'' NPT Thread Material: PTFE + Titanium Alloy Cell : 10.0 Temperature compensation: NTC10K, PT1000

Conductivity Sensors

Conductivity Sensors

KS-30

0 ~ 15% acid-base salt concentration



Specifications

Measuring range: 10uS/cm-200mS/cm Working temperature: 0-110 Pressure: 0-6Bar Installation: 3/4'' NPT Thread Material: Polycarbonate, Platinum Cell : 30.0 Temperature compensation: PT100, PT1000, NTC2.522K

Select Reference



Absolute pure water: 0.055uS/cm Deionized water: 0.1-10uS.cm Softened water: 0.1-80uS/cm Distilled water: 0.5uS/cm Power plant boiler water: 1.0uS/cm Good city water: 50uS/cm Drinking water: 200-1000uS/cm Waster water: 0.9-9mS/cm Sea water: 53mS/cm 100% NaOH: 355mS/cm 100% H2SO4: 432mS/cm 31% HN03: 865mS/cm

> Conductivity Sensors

More information www.apureinstrument.com sales@glenvironment.com

Dissolved Oxygen Controller

0		0	
6	Apure	A10DO	
R1	Measuring	4.00mA	
0	4 (R2-L °	
P2		mg/L	
O	2020-01-03	21:05 PM	
C	DO Controller		
(Enter	
0		٢	
A10DO			

Model
Measuring Range
Resolution
Accuracy
Relay Output
Signal Output
Power Supply
Dimensions
Cut-off Dimensions
Protection
Calibration mode
Installation
Weight
Temp Compensation

A10DO
0.00-20.00mg/L, 0-100.0℃
0.01mg/L, 0.1℃
±0.02mg/L 24h
3-Relay, high-low point trigger
4-20mA, RS485 Modbus RTU
100-240VAC, 24VDC, 50/60HZ
96*96*132mm(H*W*D)
92.5*92.5mm(H*W)
IP65
2-point calibration
Wall or pipe or panel mounting
O.5kg
PT1000, NTC10K, Manual



A20DO

Model	A20DO	
Measuring Range	0.00-20.00mg/L, 0-100.0℃	
Resolution	0.01mg/L, 0.1℃	
Accuracy	0.02mg/L 24h	
Relay Output	3-Relay, high-low point trigger	
Signal Output	4-20mA, RS485 Modbus RTU	
Power Supply	100-240VAC, 24VDC, 50/60HZ	
Dimensions	144*144*115mm(H*W*D)	
ut-off Dimensions	138*138mm(H*W)	
Protection	IP65	
Calibration mode	2-point calibration	
Installation	Wall or pipe or panel mounting	
Weight	0.5kg	
mp Compensation	PT1000, NTC10K, Manual	

More information www.apureinstrument.com sales@glenvironment.com

Dissolved Oxygen Controller

Cut-

Temp

Dissolved Oxygen Sensor

TS-120(Membrane Clark)

No need to replace the membrane and electrolyte.



Specifications

Measuring range: 0.00-20.00mg/L Working temperature: 0-60 Pressure: 0-4Bar Installation: PG 13.5 screw Thread Measurement principle: Membrane Clark sensor Temperature compensation: NTC10K For Controller: A10DO, A20DO

TS-150(Membrane Clark)

No need to replace the membrane and electrolyte.



Specifications

Measuring range: 0.00-20.00mg/L Working temperature: 0-60 Pressure: 0-4Bar Installation: G 3/4'' Thread Measurement principle: Membrane Clark sensor Temperature compensation: NTC10K Material: POM For Controller: A10DO, A20DO

Dissolved Oxygen Sensor

Residual Chlorine Controller



A10CL

More information www.apureinstrument.com sales@glenvironment.com

Model
Measuring Range
Resolution
Accuracy
Relay Output
Signal Output
Power Supply
Dimensions
Cut-off Dimensions
Protection
Calibration mode
Installation
Weight
Temp Compensation

A10CL 0.00-20.00mg/L, 0-100.0°C 0.01mg/L, 0.1°C ±0.02mg/L 24h 3-Relay, high-low point trigger 4-20mA, RS485 Modbus RTU 100-240VAC, 24VDC, 50/60HZ 96*96*132mm(H*W*D) 92.5*92.5mm(H*W) IP65 2-point calibration Wall or pipe or panel mounting 0.5kg PT1000, NTC10K, Manual

Residual Chlorine Controller

Residual Chlorine Controller

Model

Resolution

Accuracy Relay Output Signal Output Power Supply Dimensions

Protection

Installation Weight

Measuring Range

Cut-off Dimensions

Calibration Mode

Temp Compensation

A20CL
0-20.00mg/L(ppm), 0-100.0°C
0.01mg/L(ppm), 0.1°C
±0.02mg/L or 0.02ppm 24h
3-Relay, high low point trigger
4-20mA, RS485 Modbus RTU
100-240VAC, 24VDC 50/60HZ
144*144*115mm(H*W*D)
138*138mm(H*W)
IP65
2-point Calibration
Wall or pipe or panel mounting
0.5kg
PT1000, NTC10K, Manual

ŀ	Apure	A20CL	
	Measuring	8.00	
	20)6 R1-L	
	CL Electrode	25.0℃	
	2022-10-01	10:50 AM	
R1	R2 R3	RS	
-		(1)	
ESC	Down D	Right Lenter	
			4

A20CL

Model	TC-2200
Measurement Method	Membrane Sensor
Measuring Range	CL: 0-20.00mg/L, pH: 0-14.00pH HOCL: 0-10.00mg/L
Accuracy	CL/HOCL ≤1% or ±0.01mg/L pH: ±0.02pH Temperature: ±0.5℃
Resolution	CL: 0.01mg/L HOCL: 0.01mg/L pH: 0.01pH
Relay Output	2-Relay, high low point trigger
Signal Output	4-20mA, RS485 Modbus RTU
Power Supply	100-240VAC, 24VDC 50/60HZ
Dimensions	96*96*132mm(H*W*D)
Cut-off Dimensions	92*92mm(H*W)
Protection	IP65
Calibration Mode	2-point Calibration
Installation	Wall or pipe or panel mounting
Weight	0.5kg
Temp Compensation	PT1000



TC-2200

Residual Chlorine Controller

More information www.apureinstrument.com sales@glenvironment.com

Residual Chlorine Electrode



TS-280(CL) + GRT1120(pH)

Ap

Specifications

Measuring range: 0-2ppm, 2-20ppm Working conditions: 10bar at 20 (Max) Installation: Flow cell (TS022) Measurement principle: Constant Voltage Sensor For Controller: A10CL, A20CL Working temperature: 0-60

Specifications

Measuring range: 0.00-20.00mg/L, 0-14.00pH Working temperature: 0-60 Pressure: 0-1Bar Installation: Flow cell (PP-87) Measurement principle: Polarographic For Controller: TC-2200

Residual Chlorine Electrode

Turbidity / MLSS Controller

	Model	A10TR
re A10TR	Measuring Range	0-20NTU/0-400NTU/0-4000NTU
	Accuracy	±1.0% FS
	Resolution	O.O1NTU
	Stability	±1.0% 24h
1413 _{NTU}	Temp Compensation	0-100°C Manual/Auto(NTC10K/PT1000)
25.0°C Rs 07 2:25 AM	Signal Output	4-20mA output, RS485 Modbus RTU
gent industrial controller	Relay Output	3-Relay(high low point trigger)
000	Power Supply	100-240VAC or 24VDC
Enter	Dimensions	96*96*132mm(H*W*H)
0	Cut-off Dimensions	92.5*92.5mm(H*W)
10TR	Calibration	2-point Calibration
	Weight	0.5kg
	Installation	Wall or pipe or panel mounting

Turbidity/MLSS Controller

Turbidity / MLSS Controller

	Model	A20TR
	Measuring Range	0-20NTU/0-400NTU/0-4000NTU
Apure A20TR	Accuracy	±1.0% FS
Measuring 8.00	Resolution	O.O1NTU
20 R1-L	Stability	±1.0% 24h
	Temp Compensation	0-100°C Manual/Auto(NTC10K/PT1000)
2022-10-01 10:50 AM	Signal Output	4-20mA output, RS485 Modbus RTU
R1 R2 R3 R5	Relay Output	3-Relay(high low point trigger)
	Power Supply	100-240VAC or 24VDC
	Dimensions	144*144*115mm(H*W*H)
Intelligent industrial controller	Cut-off Dimensions	138*138mm(H*W)
	Calibration	2-point Calibration
A20TR	Weight	0.5kg
	Installation	Wall or pipe or panel mounting

	Model	S-730	
Anure 8.720	Measuring Range	0.00-30g/L	
2021.12.1 12:25 BIS 24300	Resolution	0.001g/L or 1mg/L	
L: 10.2mA F: 3000mg/L	Accuracy	±1.0% FS	
000	Relay Output	4-Relay, high-low point trigger	
	Signal Output	4-20mA / RS485 Modbus RTU	
MLSS Meter	Power Supply	100-240VAC or DC24V	
	Dimensions	242mm*184mm*135mm(H*W*D)	
Model: 5-730 Range 10-30g/ Output 4-20mA & RS485 Power supply. AC220V	Cut-off Dimensions	149*182mm	
	Protection	IP65	
	Calibration mode	2-point Calibration	
	Installation	Wall or pipe or panel mounting	
S-730	Weight	1kg	

Turbidity/MLSS Controller

More information www.apureinstrument.com sales@glenvironment.com

Turbidity / MLSS Sensor

TD-30



Specifications

Measuring range: 0.00-30g/L Working temperature: 0-60 Pressure: 0-1.0MPa Installation: 3/4" NPT Thread Measurement principle: Optical sensor Material: SS316L Protection: IP68, submersible type. For controller: S-730

TD-920/930 Flow Cell Type





PP-86 Flow Cell

Specifications

Model	TD-920	TD-930
Measuring Range	0.01 to 400NTU	0.1 to 1000NTU
Accuracy	±2.0% FS	±5.0% FS
Lower limit of measurement	2NTU	20NTU
Working Temperature	050℃	050℃
Power Supply	12~24VDC	12~24VDC
Working Pressure	O3Bar	O3Bar
Signal Output	RS485 Modbus RTU	RS485 Modbus RTU
Temp Compensation	NTC Auto	NTC Auto
Connection	G 3/4" Thread	G3/4" Thread
Cable Length	10m cable	10m cable
Calibration	2-point calibration	2-point calibration
Protection	IP66	IP66

Turbidity / MLSS Sensor

Submersible Type

Specifications			
Model Number	TD-820	TD-830	TD-860
Measuring Range	0.01-400NTU, 0.01-2000NTU	0.1-4000NTU	0.1-50g/L
Accuracy	±2% FS	±5% FS	±5% FS
Resolution	2NTU	20NTU	20mg/L
Working Temperature	050 °C	050℃	050℃
Signal Output	RS485 Modbus RTU	RS485 Modbus RTU	RS485 Modbus RTU
Calibration	2-point Calibration	2-point Calibration	2-point Calibration
Power Supply	24VDC	24VDC	24VDC
Thread Connection	G 3/4" Thread	G 3/4" Thread	G 3/4" Thread
Protection	IP68	IP68	IP68

TD-820/830/860

Turbidity/MLSS Sensor

Corrosion Rate Controller

	Model	A200ISM
	Measuring Range	0-5.0000mm/a
	Accuracy	±1.0% FS
	Resolution	0.001
Measuring 8.00	Stability	±1.0% 24h
2 128 R1	Temp Compensation	0-100°C Manual/Auto(NTC10K/PT1000)
CORROSION 25.0°C	Signal Output	4-20mA output, RS485 Modbus RTU
	Relay Output	3-Relay(high low point trigger)
	Power Supply	100-240VAC or 24VDC
	Dimensions	144*144*115mm(H*W*H)
Intelligent industrial controller	Cut-off Dimensions	138*138mm(H*W)
	Calibration	2-point Calibration
A200ISM	Weight	0.5kg
	Installation	Wall or pipe or panel mounting

Corrosion Rate Controller

Corrosion Rate Sensor



COR-A

Apure

PTSA 2022-10-01

ESC

Measuring

200

Intelligent industrial controller

A200ISM

Model	COR-A
Measurement	LPR and EIS
Measuring Range	0~5.0000mm/a
Accuracy	±3%FS
Response	<50s
Shell Material	ABS
Temperature Sensor	NTC10K
Storage	-10-60°C
Working Temp	0-65°C
Pressure	0-3Bar
Sensor Material	Stainless steel, Carbon steel, Copper
Power Supply	12~24VDC
Connection	M39*1.5
Cable	5m cable
Signal Output	RS485 Modbus RTU * 4-20mA
Calibration	2-point

Corrosion Rate Sensor

PTSA Controller

A200ISM

ppb 25.0℃ 10:50 AM

Piebt

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PTSA Controller

PTSA Sensor

	Model	SR-510
	Measurement	Fluorescence
	Measuring Range	0-200ppb
	Accuracy	±1%FS
	Response	<30s
	Flow	200~500L/H
	Dimension	Lengh: 160mm, Diameter:22mm
	Storage	-10-60°C
	Working Temp	4-50°C
	Pressure	0-4Bar
	Material	SS304
	Power Supply	22~25VDC, 2W
	Connection	3/4" NPT thread
	Cable	5m cable
	Signal Output	RS485 Modbus RTU * 4-20mA
SR-510	Calibration	2-point/4-point calibration

PTSA Sensor

Salinity Controller

Model	A200ISM
Measuring Range	0-70.0PSU
Accuracy	±1.0% FS
Resolution	0.1 PSU
Stability	±1.0% 24h
Temp Compensation	0-100°C Manual/Auto(NTC10K/PT1000)
Signal Output	4-20mA output, RS485 Modbus RTU
Relay Output	3-Relay(high low point trigger)
Power Supply	100-240VAC or 24VDC
Dimensions	144*144*115mm(H*W*H)
Cut-off Dimensions	138*138mm(H*W)
Calibration	2-point Calibration
Weight	0.5kg
Installation	Wall or pipe or panel mounting



Salinity Controller

Salinity Sensor

	Model	DDM-202S
	Measuring Range	0~70PSU
	Accuracy	±1.0% FS
	Resolution	0.01PSU
	Working Pressure	0-0.6MPa
	Output Signal	RS485 Modbus RTU / 4-20mA
	Power Supply	12~24VDC
	Wetted Material	PP / PPS / PVC / PP / SS316L
	Installation	Pipeline or submerged type
	Cable Length	5m, other can be customized
	Calibration	2-point calibration
	Temp Compensation	PT1000 Auto
	Protection	IP68
DDW-2023		
	Model	SAL-202X
	Measuring Range	0~30PSU
	Accuracy	±1.5% FS
	Resolution	O.1PSU
	Working Pressure	0-0.3MPa
	Output Signal	RS485 Modbus RTU
	Power Supply	12~24VDC
	Wetted Material	POM / ABS
0	Installation	Pipeline or submerged type
	Cable Length	5m
	Calibration	2-point calibration
	Temp Compensation	PT1000 Auto
SAL-202X	Protection	IP68

Salinity Sensor

Digital COD Controller

	Apure	A200ISM	
	Measuring	8.00	
-	300.	.5 R1-L mg/L	-
	COD 2022-10-01	25.0℃ 10:50 AM	-
- R1	R2 R3 1	RS (9	1
		Right Enter	1 1 1
	Intelligent industri	al controller	

A200ISM

TTOGOT
Measuring Range
Measuring Principle
Accuracy
Resolution
Relay Output
Output Signal
Power Supply
Temp Compensation
Dimensions
Installation
Weight
Calibration
Cut-off Dimensions

Model	A200ISM
Range	0-1500mg/L
inciple	Dual wavelength ultraviolet absorption
curacy	± 5% FS
olution	0.1mg/L
Dutput	3-Relay (high-low point trigger)
Signal	4-20mA, RS485 Modbus RTU
Supply	100-240VAC or 24VDC
sation	0-100°C Manual / Auto (NTC10K/PT1000)
nsions	144*144*115mm(H*W*H)
llation	Wall or panel mounting
Veight	0.5kg
oration	2-point calibration
nsions	138*138mm(H*W)

Digital COD Controller

COD Sensor





Г

COD-208
0~200mg/L, 0-1500mg/L
ual wavelength ultraviolet absorption
± 5% FS
0.1mg/L, 0.1NTU
0-100NTU, 0-200NTU
RS485 Modbus RTU
12~24VDC
PT1000
0~45°C, < 0.2MPa
Pipeline or submerged
POM & SS316L
5m, other can be customized
COD 208(COD+Turb+Temp) COD 302(COD+BOD+TOC+Turb+Temp)

COD Sensor

OZONE Monitor



A200ISM

O3-201

Model
Measuring Range
Measuring Principle
Accuracy
Resolution
Calibration
Output Signal
Power Supply
Temp Compensation
Installation
Dimension
Cut-off Dimensions
Protection

A200ISM

0.00-20.00mg/L (PPM) Constant voltage ±1% FS or ±0.01mg/L 0.01mg/L 2-point calibration RS485 Modbus RTU output / 4-20mA 100~240VAC or 24VDC PT1000 / NTC10K / Manual Panel installation 144*144*115mm(H*W*H) 138*138mm(H*W) IP68

Digital OZONE Controller

OZONE Sensor

Measuring
Measuring Pr
Ac
Reso
Calib
Output
Power
Working Con
Insta
N
Cable
Prot

Model	03-201
Measuring Range	0.00-20.00mg/L (PPM)
easuring Principle	Constant voltage
Accuracy	±1% FS or ±0.01mg/L
Resolution	0.01mg/L
Calibration	2-point calibration
Output Signal	RS485 Modbus RTU output / 4-20mA
Power Supply	12~24VDC
orking Conditions	0~60℃ <0.2Mpa
Installation	Immersion installation
Material	POM
Cable Length	5m, other can be customized
Protection	IP68

Ozone Sensor

Ultrasonic Liquid Level Gauge

	Model	AK2000E
Concernant of	Measurement Method	Ultrasonic
ctod -	Measuring Range	0-4m, 0-7m, 0-10m, 0-15m
	Accuracy	±0.5%FS
	Blind	0.35-0.6m
	Resolution	1mm
	Pressure	<3 atmospheres
	Working Temp	-2060°C
	Signal Output	4-20mA, RS485 Modbus RTU, Hart
	Relay Output	2-Relay or 4-Relay
	Power	24VDC or 220VAC

AK2000E

Model	AK7000E
Measurement Method	Ultrasonic
Measuring Range	0-10m
Accuracy	±0.3%FS
Blind	0.25-0.5m
Resolution	1mm
Pressure	≤3 atmospheres
Working Temp	-2060°C
Signal Output	4-20mA, RS485 Modbus RTU, Hart
Relay Output	2-Relay or 4-Relay
Power	24VDC or 220VAC
Protection	IP65

Ultrasonic Liquid Level Gauge



Open-Channel Ultrasonic Flow Meter

	Model	MQ6000
	Measuring Range	0.1L/sec to 10m3/sec
	Measuring Principle	Ultrasonic
Apure MQ 6000	Accuracy	±0.3% FS
	Accumulated Flow	99999999m3
	Ranging Range	0~3m
	Flow Accuracy	\pm 1% FS(depending on the type of weir plate)
	Blind Area	0.3~0.5m
• •	Ranging Resolution	1mm
)	Analog Output	4~20mA / RS485 Modbus
	Power Supply	100-240VAC / 24VDC
MQ6000	Ambient Temperature	-20°C∼+60°C
	Protection	IP65



TUF-2000S

Model Measurement Method Measuring Range Accuracy Measuring Medium Turbidity of the Medium Turbidity of the Medium Pressure Working Temp Signal Output Installation Power Pipe Material TUF-2000SUltrasonic0.....10m/s $\pm 1\%FS$ Water, sea water, sewage, alcohol, various oils ≤ 200000 ppm without bubbles ≤ 3 atmospheres $-20.....60^{\circ}C$ 4-20mA, RS485 Modbus RTU, OCTUP=10D DOWN=5D8-36VDC or 85-264VACCarbon steel, Stainless steel, copper, PVC, Aluminum, Fiberglass, etc

Ultrasonic Flow Meter

Electromagnetic Flow Meter

APURE electromagnetic flow meters is a products that developed for sewage, water, wastewater flow measurement. Widely used in metering and custody transfer. And can display both instantaneous and cumulative flow, and supports analog output, communication output and relay control functions. The diameter of the electromagnetic flowmeter ranges from DN10 to DN2000.



(E is proportional to V * B * D)

Electromagnetic Flow Meter

Model	AYT/AFT
Application	Water/Sewage/Wastewater Treatment/Irrigation
Normal Diameter	DN10~DN2000
Structure Type	Integrated / Split / Insertion
Electrode Material	SS316L, HB, HC, Ti, Ta, Platinum-iridium
Lining Material	PU, PTFE, PFA, CR
Process Connection	Flange: GB, ANSI, DIN, JIS
Process Pressure	PN10-40 / CLASS 150/300 / JIS10K/20K
Accuracy	±0.3, ±0.5%,± 1.0%
Signal Output	4-20mA / Pulse / Frequency / RS485 Modbus RTU
Certification	CE, ROHS
Power Supply	100-240VAC, 24VDC, 50/60HZ
Protection	IP67 / IP68

Installation Guidelines

Install at the lowest point and vertical upward direction Don't install at the highest point or vertical downward diection

Install at the lowest point when used in open drain pipe

Dont' install it at the entrance of pump, install it at the exit of pump

When drop is more than 5m, install exhaust valve at the downstream

Need 5D of upstream and 3D of downstream

Install at the rising direction

Electromagnetic Flow Meter