

GL Environment



Apure

APURE

KAS CONTROL CO., LTD.

Apure Industrial online PH/ORP Controller



Model: A10PR

Feature:

- IP65 waterproof and dustproof.
- 100-240VAC or 24VDC.
- 4-20mA outputs correspond to the PH/ORP and temperature.
- Three limited ON/OFF contact output(Relay).
- RS-485 Modbus RTU protocol(optional).

Measuring range	Resolution	Accuracy	Dimensions
PH: 0~14.00pH	PH: 0.01PH	PH: 0.01PH±1Digit	96mm*96mm*132mm(H*W*D)
ORP: -1999 ~ 1999 mV	ORP:1mV	ORP:0.1%±1Digit	Cut-off dimensions
Temp: 0~135℃	Temp: 0.1 ℃	Temp:0.1℃ ±1Digit	92.5mm*92.5mm(H*W)

Apure Industrial online PH&ORP Controller



Model: RP-3000

Feature:

- Connect two probes(pH+ORP)at the same time.
- Two 4-20mA outputs for pH and ORP.
- Two limited ON/OFF contact output(Relay).
- RS-485 Modbus RTU protocol.
- Installation: panel or wall mounting
- 100-240V or 24VDC; IP65 protection.

Measuring range	Resolution	Accuracy	Dimensions
PH: 0~14.00pH	PH: 0.01PH	PH: 1%FS	144mm*144mm*120mm(H*W*D)
ORP: -1999 ~ 1999 mV	ORP:1mV	ORP:1%FS	Cut-off dimensions
Temp: 0~135℃	Temp: 0.1 ℃	Temp:1%FS	138mm*138mm(H*W)

Apure Industrial online PH/ORP Controller



Model: A30PR

Feature:

- 48×96mm Microprocessor Water Quality Monitor.
- Compatible with both pH and ORP measurement.
- Automatic temperature compensation.
- Compatible with PT1000 and NTC10K temperature probe.
- Linear and non-linear temperature coefficient.
- Isolated current output 4-20mA.
- One relay output, one set point with programmable hysteresis function.

Measuring range	Resolution	Accuracy	Measurement
PH: 0~14.00pH	PH: 0.01PH	PH: 0.01PH±1Digit	pH: Maximum measuring range of 1%
ORP: -1999~1999mV	ORP:1mV	ORP:0.1%±1Digit	ORP: Maximum measuring range of 1%
Temp: 0-135℃	Temp: 0.1 ℃	Temp:0.1℃ ±1Digit	PT1000/NTC10K compensation

Apure Industrial online PH/ORP Controller



Model: A20PR

Feature:

- Two 4-20mA outputs independently correspond to PH/ORP or temperature.
- RS-485 (Modbus RTU protocol).
- Installation: panel or wall mounting.
- 100-240VAC or 24VDC; IP65 protection.
- PT1000, NTC10K or Manual temp compensation.
- Three-limited ON/OFF contact output(relay).

Measuring range	Resolution	Accuracy	Dimensions
PH: 0~14.00pH	PH: 0.01PH	PH: 1%FS	144mm*144mm*115mm(H*W*D)
ORP: -1999 ~ 1999 mV	ORP:1mV	ORP:1%FS	Cut-off dimensions
Temp: 0~135℃	Temp: 0.1 ℃	Temp:1%FS	138mm*138mm(H*W)

Apure Industrial online PH sensor

GRT1010 Plastic shell PH Electrode (Colloidal electrolyte)



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

Measuring range: 0-14pH

Temp range: 0-60

Pressure: 0-4bar

Installation: 3/4" NPT thread

Material: ABS

GRT1010J PTFE shell PH Electrode (For organic solvent)



Application: Sewage treatment, Washing,
Scrubber, Detergents, Industrial Process.

Measuring range: 0-14pH

Temp range: 0-60

Pressure: 0-4bar

Installation: 3/4" NPT thread

Material: PTFE

Apure Industrial online PH sensor

GRT1110 Glass PH Electrode (Colloidal electrolyte)



Application: PH measurement of sewage
treatment or clean water treatment

Measuring range: 0-14pH

Temp range : 0-60

Pressure: 0-4bar

Installation: PG13.5 screw thread

Material: Glass

GRT1130 High temperature PH electrode (Jelly electrolyte)



Application: PH measurement of high
temperature water treatment

Measuring range : 0-14pH

Temp range : 0-110

Pressure: 0-4bar

Installation: PG13.5 screw thread

Material: Glass

GRT1030 Special PH Electrode For lime solution(Colloidal electrolyte)



Application: PH measurement of sewage
treatment with lime slurry

Measuring range : 0-14pH

Temp range: 0-60

Pressure: 0-4bar

Installation: 3/4" NPT thread

Material: ABS

GRT1010T PH-TI Electrode For hydrofluoric acid liquid(Colloidal electrolyte)



Application: PH measurement of sewage
treatment with hydrofluoric acid

Measuring range : 0-14pH

Temp range : 0-60

Pressure: 0-4bar

Installation: 3/4" NPT thread

Material: ABS

GRT1320 High temperature PH Electrode (Solid electrolyte)



Application: PH measurement of high
temperature water treatment

Measuring range : 0-14pH

Temp range : 0-135

Pressure: 0-4bar

Installation: PG13.5 screw thread

Material: Glass

GRT1320A/B Strong Acid(ALKALINE)PH Electrode(Solid electrolyte)



Application: PH measurement of high
temperature strong acid/alkaline water treatment

Measuring range : 0-14pH

Temp range : 0-135

Pressure: 0-4bar

Installation: PG13.5 screw thread

Material: Glass

Apure Industrial online ORP sensor

GRT1010P Plastic shell ORP Electrode (Platinum ring+Agcl)



Application : ORP measurement of general water treatment

Measuring range : -1999mV~1999mV

Temp range : 0-60

Pressure: 0-4bar

Installation: 3/4" NPT therad

Material: ABS

GRT1010JP ORP Electrode For organic solvent (Platinum ring+Agcl)



Application: ORP measurement of sewage treatment with organic solvent

Measuring range : -1999mV~1999mV

Temp range : 0-60

Pressure: 0-4bar

Installation: 3/4" NPT thread

Material: PTFE

PP1020-100 Submersible sheath



Application: Used for tank installation and measurement of plastic shell electrode

Material: PVC (optional: PPR)

Temp range:0-70 Length: 1 m, 2 m, 3m

Pressure: normal pressure

Installation dimension: 3/4" NPT thread

PP1120-100 Submersible sheath



Application: Used for tank installation and measurement of glass electrode

Temp range:0-70 Material: PVC

Pressure: normal pressure

Installation dimension: 3/4" NPT thread

Length: 1 m, 2 m, 3m

GRT1110P Glass ORP Electrode (Platinum ring+Agcl)



Application: ORP measurement of ambient temperature sewage

Measuring range : -1999mV~1999mV

Temp range: 0-60

Pressure: 0-4bar

Installation; PG13.5 screw thread

Material: Glass

GRT1130P High temperature glass ORPElectrode (Platinum ring+Agcl)



Application: ORP measurement of high temperature sewage

Measuring range : -1999mV~1999mV

Temp range : 0-110

Pressure: 0-4bar

Installation dimension: PG13.5 screw thread

Material: Glass

SS-1130G



PF-1120G



Application: for glass pH/ORP electrode

Specification:

Material: Teflon; Stainless steel(316L)

Temp range:0-135

Pressure: normal pressure

Installation: 3/4" NPT thread

Circulation type - Flow cell PTB1010;PTB1130



Application: Circulating (bypass) installation

Specification:

Material: Acrylic Temperature range: 0-60°C

Pressure: normal pressure

Installation: PTB1010 3/4" NPT thread

PTB1130 PG13.5 thread

PH/ORP/EC Buffer Solution



PH=1.68/4.00/4.01/6.86/7.00/9.18/10.00/10.01

ORP=86MV/256MV

Conductivity=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

Capacity:50mL/bottle, 250mL/bottle, 500mL/bottle

Signal amplifier/Junction box



Signal amplifier
F4-FD

Junction box
F4-05

Apure Industrial On-line Conductivity/ Resistance/ TDS Controller

- 100-240VAC or 24VDC power supply.
- Two 4-20mA outputs correspond to Conductivity/Resistance/TDS setting and temperature(4-20mA & RS485).
- Three limited ON/OFF contact output(relay).
- NTC10K, PT1000 and Manual temperature compensation.
- Three limited ON/OFF contact output(relay).



Model: A10CD



Model: KS-1



Model: KS-0.01/0.1/10



Clamp type

Model: KSS series(Stainless steel 316L)
KSS-0.01/0.1/1/10

Model	Temp compensation	Accuracy	Dimensions	Cut-off dimensions
A10CD	NTC10K/PT1000	±1%(FS) +Digit	96*96*132mm (H*W*D)	92.5*92.5mm (H*W)
Electrode model	Temperature	Pressure	Connection	Measuring range
KS-0.01	0-50	0 ~ 0.5Mpa	1/2 " NPT thread	0.05uS/cm-20uS/cm 0.00-20.00MΩ ·cm
KS-0.1	0-50	0 ~ 0.5Mpa	1/2 " NPT thread	0.1uS/cm-200uS/cm
KS-1	0-50	0 ~ 0.5Mpa	1/2 " NPT thread	1uS/cm-20mS/cm 0-9999ppm
KS-10	0-50	0 ~ 0.5Mpa	1/2 " NPT thread	10uS/cm-200mS/cm
KSS-10	0-120	0 ~ 0.5Mpa	1/2 " NPT thread	10uS/cm-200mS/cm

Apure Industrial On-line Conductivity/Resistance/TDS Controller

- 100-240VAC or 24VDC power supply.
- Two 4-20mA outputs correspond to conductivity/ Resistance/ TDS and temperature(4-20mA & RS485).
- Three limited ON/OFF contact output(relay).
- Temperature compensation: PT1000, NTC10K or Manual compensation.



Model: A20CD

Model	Temp compensation	Accuracy	Dimensions	Cut-off dimensions
A20CD	NTC10K/PT1000	±1%(FS) +Digit	144*144*115mm (H*W*D)	138*138mm (H*W)
Electrode model	Temperature	Pressure	Connection	Measuring range
KS-0.01	0-50°C	0 ~ 0.5Mpa	1/2 " NPT thread	0.05uS/cm-20uS/cm 0.00-20.00MΩ ·cm
KS-0.1	0-50°C	0 ~ 0.5Mpa	1/2 " NPT thread	0.1uS/cm-200uS/cm
KS-1	0-50°C	0 ~ 0.5Mpa	1/2 " NPT thread	1uS/cm-20mS/cm 0-9999ppm
KS-10	0-50°C	0 ~ 0.5Mpa	1/2 " NPT thread	10uS/cm-200mS/cm
KSS-10	0-120°C	0 ~ 0.5Mpa	1/2 " NPT thread	10uS/cm-200mS/cm

APURE Industrial Online Conductivity/Resistance Controller

Compact and Pragmatic

The A30CD conductivity meter utilize microprocessor technology to provide enhanced capabilities with economical price. The compact design fits in small space installation. The A30CD features for water quality monitoring and the A30CD offers one relay output to sufficiently activate your process system.

Applications:

- RO system
- Cooling water
- Industrial process
- Boiler feed water
- Ultra-pure water
- Water treatment

Feature:

- 48×96mm Microprocessor Water Quality Meter
- Compatible with both conductivity and resistivity measurement
- Automatic temperature compensation
- Compatible with PT1000 and NTC10K temperature probe
- Isolated current output 4~20mA
- Linear and non-linear temperature coefficient
- A30CD offers one relay output, one set point with programmable hysteresis function.



Model: A30CD

Measuring Range & Accuracy	Conductivity	0.00uS/cm~200.0mS/cm in 5 Ranges, ±1%(±1 Digt)
	Resistivity	0.00~20.00MΩ·cm, ±1%(±1 Digt)
	Temperature	0-120.0°C, ±0.2°C(±1 Digt)
Cell constant		0.01, 0.1, 1, 10
Temperature compensation		PT1000 or NTC10K or Manual
Analog output		Isolated 4-20mA corresponding to measurement
Power supply		AC220V or DC24V
Dimensions		48mm*96mm*110mm(H*W*D)

APURE Industrial Online Free/Residual Chlorine & PH Controller



Model: TC-2200



Chlorine & PH sensor & Flow cell(PP-87)
Model:TS-280/GRT1110

Feature:

- 4-20mA/RS485 Modbus RTU output.
- One set of relays correspond to residual chlorine values. (high-low point trigger)
- 100-240VAC or 24VDC power supply.
- Application: Hospital, Swimming pool, tap water, etc.

Measuring range	Resolution	Accuracy	Dimensions
Free Chlorine 0-20.00mg/L	Free Chlorine 0.01mg/L	±1% FS	96mm*96mm*132mm(H*W*D)
PH : 0-14PH	PH: 0.01 PH	±0.02 PH	Cut-off dimensions
Temp: 0-99 °C	Temp: 0.01 °C	±0.5 °C	92mm*92mm(H*W)

APURE Industrial Online Free/Residual Chlorine Controller



Model: A10CL



Model: TS-270
Flow cell (PP-86)



Model: A20CL

Measuring range	Resolution	Accuracy	Dimensions
0-20.00mg/L(ppm)	CL:0.01mg/L(ppm)	±1%	96mm*96mm*132mm(H*W*D) A10CL 144mm*144mm*115mm(H*W*D) A20CL
Working Temperature	Output	Sensor Installation	Cut-off dimensions
0-60	3-Relay 4-20mA/RS485	Flow cell	92.5mm*92.5mm(H*W) A10CL 138mm*138mm(H*W) A20CL

Apure Industrial On-line Dissolved Oxygen Controller



Model: A10DO



Model: TS-200

Feature:

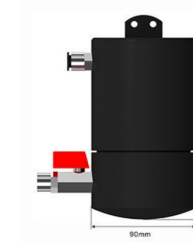
- For sewage, river water, breeding, agriculture, aquaculture, etc.
- 4-20mA or RS485 Modbus RTU output.
- Three limited ON/OFF contact output(Relay).
- 100-240VAC or 24VDC, 50/60HZ.
- PT1000, NTC10K, Manual temperature compensation.

Model	Measuring range	Accuracy	Dimensions	Cut-off dimensions
A10DO	0-20.00mg/L (ppm)	±1.5%(FS)	96*96*132mm (H*W*D)	92*92mm (H*W)
Electrode model	Working Temp	Response time	Connection	Temperature compensation
TS-200	0-60℃	10 sec	3/4" NPT thread	PT1000 or NTC10K

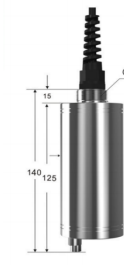
Apure Industrial On-line Turbidity Controller



TS-620



TD-400
with flow cell



TD-5000

Feature:

- The built-in air bubble elimination system improves the measurement precision and stability
- Measurement unit: mg/L or NTU
- 4-20mA or RS485 Modbus RTU
- 100-240VAC or 24VDC.
- IP65 protection.
- 4-Relay(high-low point trigger).

Measuring range	Resolution	Accuracy	Dimensions
TD-400: 0-100.00NTU ; 0-400.00NTU	0.01NTU	±1%FS	242mm*184mm*135mm(H*W*D)
TD-5000: 0-5000NTU	0.1NTU	±1%FS	Installation
Temperature: 0-60℃	RH: ≤ 85%		Submerged or Flow cell

Apure Industrial On-line Dissolved Oxygen Controller



Model: A20DO



Model: TS-200

Feature:

- For sewage, river water, breeding, agriculture, aquaculture, etc.
- 4-20mA or RS485 Modbus RTU output.
- Three limited ON/OFF contact output(Relay).
- 100-240VAC or 24VDC, 50/60HZ.
- PT1000, NTC10K, Manual temperature compensation.

Model	Measuring range	Accuracy	Dimensions	Cut-off dimensions
A20DO	0-20.00ppm (mg/L)	±1.5%(FS)	144*144*115mm (H*W*D)	138*138mm(H*W)
Electrode model	Working Temp	Response time	Connection	Temp compensation
TS-200	0-60℃	10 sec	3/4 " NPT thread	PT1000 or NTC10K

Apure Industrial On-line Suspended Solids Concentration TSS Controller



Model: S-730



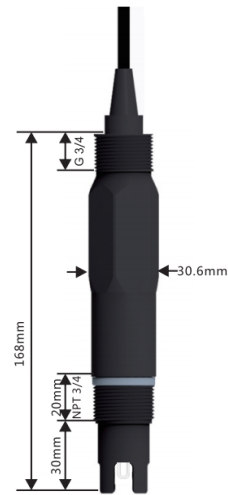
Model: TD-30

Feature:

- The built-in air bubble elimination system improves the measurement precision and stability
- Measurement unit: mg/L or NTU
- 4-20mA or RS485 Modbus RTU
- 100-240VAC or 24VDC.
- IP65 protection.
- 4-Relay(high-low point trigger).

Measuring range	Resolution	Accuracy	Dimensions
TD-30: 0-30g/l	1mg/L	1%FS	242mm*184mm*135mm(H*W*D)
Temperature			Installation
0-60			Submerged

Apure Industrial On-line Salinity Digital Sensor



Model: SAL-C

Measuring range	Mea Resolution	Mea Accuracy	Signal output
0-10ppm, 0-100ppm, 0-2500ppm, 0-100000ppm	1ppm	±1%	4-20mA & RS485 Modbus RTU output
Coefficient K=0.01, K=0.1, K=1, K=10	Temp compensation Auto/Manual	Material PPS;ABS	Power supply
Temp: 0-60.0	Resolution ±0.1	Accuracy ±1%	12-24VDC

Apure Industrial On-line Ultrasonic Liquid Level Meter



Model: AK-7000E

Split type



Model: AK-2000E

Integrated type

- A set of 4-20mA analog output
- RS-485 communication (Modbus RTU) (Optional)
- IP65 protection
- 220V AC or 24VDC (Optional)
- Sensor material: ABS Plastic (PE/PTFE optional)
- 2-Relay (Integrated type) or 4-Relay output (Split type).

Measuring range	Dead zone	Range accuracy	Pressure
0-10M 0-20M	0.5m	±3mm (standard conditions)	3 atmospheres
Structure	Resolution	Working temperature	Display
Integrated/split	1mm	-20~60°C	Built-in LCD display level or space distance

Apure Industrial On-line Corrosion Rate Digital Sensor



Model: COR-A

Measuring Range	Temperature	Resolution	Pressure	Output
0~5mm/a	0~80	0.0001mm/a	0-3bar	4-20mA&RS485
Accuracy	Humidity	Response time	Power	Probe material
±3%FS	85%	50S	12-24VDC	Stainless steel, carbon steel, copper

APURE Industrial On-line Ozone Controller



Model: AO3-AA2



Model: O3-200

Measuring Range	Temperature	Pressure	Output
0~20.00mg/L	0~60.0	10bar at 20	4-20mA&RS485
Accuracy	Range Resolution	Power	Relay
±1%FS	0.01mg/L, 0.1	220VAC±10%/24VDC	2-Relay

APURE Intelligent Electromagnetic Flow Meter



Integrated type(AYT)



Split type(AFT)



Insertion type

Technical Parameter

※DN(mm) Pipeline PTFE lining:
25,32,40,50,65,80,100,125,150,200,250,
300,350,400,450,500,600
※Pipeline rubber lining:-
40,50,65,80,100,125,150,200,300,350,4
00,500,600,800,1000,1200
※Flow direction
Positive, negative, net flow range ratio:
150/1
Repeatability error: ±0.1%
※ Accuracy: 0.3, 0.5, 1.0(class)
※ Temperature
Ordinary rubber lining: -20~70℃
High temp rubber lining: -20~90℃
PTFE lining: -30~100℃
High temp PTFE lining: -30~180℃
※Rated working pressure
Pipeline: DN10~DN65(≤2.5Mpa)
DN80~DN150(≤1.6Mpa);
DN200~DN2000(≤1.0Mpa)
※Conductivity range
Conductivity of measured liquid ≥5uS/cm

※Output current and load resistance
4-20mA fully isolated load resistance < 750 Ohm
pulse When frequency 0-1KHZ optoelectronic
isolation OCT external power ≤35V is connecting,
max current of collector is 25mA.
※Sensor material
Molybdenum-containing stainless steel, Ti, Ta, H, Pt
or other special materials.
※ Protection level
Submerged type: IP68, other IP65.
※Power supply: 85~265V, 45~63HZ
※Straight pipe length
Pipeline upstream ≥5DN, downstream ≥2DN
※ Connection
Flanged joint is used between flow meter and
distribution pipe, the size should be meet the rule of
B9119-88.
※Explosion-proof: md11BT4
※Environmental temperature: -25~60℃
※Total power consume: ≤20W
※Type: Integrated type, Split type, Insertion type.

Electromagnetic Flow Meter Data Sheet

Flow meter Model	Type	Qmin (m ³ /h)	Qmax (m ³ /h)	Dn(mm)
AYT-25S	Integrated type	0.5	17.7	25
AFT-25L	Split type			
AYT-32S	Integrated type	0.9	29	32
AFT-32L	Split type			
AYT-40S	Integrated type	1.4	45.2	40
AFT-40L	Split type			
AYT-50S	Integrated type	2.1	70.7	50
AFT-50L	Split type			
AYT-65S	Integrated type	4	119	65
AFT-65L	Split type			
AYT-80S	Integrated type	5	181	80
AFT-80L	Split type			
AYT-100S	Integrated type	8	283	100
AFT-100L	Split type			
AYT-125S	Integrated type	13	442	125
AFT-125L	Split type			
AYT-150S	Integrated type	19	636	150
AFT-150L	Split type			
AYT-200S	Integrated type	30	1130	200
AFT-200L	Split type			
AYT-250S	Integrated type	50	1767	250
AFT-250L	Split type			
AYT-300S	Integrated type	80	2545	300
AFT-300L	Split type			
AYT-350S	Integrated type	100	3464	350
AFT-350L	Split type			
AYT-400S	Integrated type	140	4524	400
AFT-400L	Split type			

△Note: RS485 communication is optional. LCD PTFE lining(DN6~DN65), Rubber lining (greater than DN65), SS316L sensor, integrated type, no grounded ring(pipe is metal), can be with RS232, flange mounting, normal pressure is 1.6Mpa.

APURE Split Open-Channel Ultrasonic Flow Meter



Model: MQ6000

Measuring range	Blind zone	Accuracy	Pressure
0.1L/S~10m3/S	0.25-0.5m	±3mm/0.3% (standard conditions)	3 atmospheres
Structure	Resolution	Working temperature	Display
Split type	1mm	-20~60°C	Built-in LCD display level or space distance

- ※A set of 4-20mA analog output.
- ※RS485 communication(Modbus RTU)(optional).
- ※IP65 protection level.
- ※220VAC or 24VDC power supply.
- ※Installation: Split type, meter wall-mounted.
- ※Sensor material: ABS plastic
(PE/PTFE anti-corrosion material can be choose).
- ※Sensor comes with 10m cable(max: 50m)

External Clamp Ultrasonic Flow Meter



Measurement principle: Ultrasonic Type.

Measuring range: 0~10m/s.

Accuracy: ≤1% FS.

Display: 2*10 Chinese backlight characters or 2*20 characters LCD display, support 2 languages: Chinese/English.

Flow direction: positive and negative 2-way metering, measure positive/negative net cumulative flow/ thermal.

Signal output: RS485 Modbus RTU output, can be upgraded by PC, computer.

Data recording: positive/negative net accumulations at 512 days, 128 months and 10 days before automatic memory.

More than 30 times, power off time and flow rate before automatic/manual memory.

Signal output: 4-20mA analog output(standard), 1-Relay output.

1 channel OCT pulse output(programmable between 6~100ms pulse width, standard is 200ms).

Signal input: 3-channel 4-20mA analog inputs, accuracy 0.1%, can collect pressure, liquid level, etc.

2-Way 3-wire PT100 platinum resistor for thermal measurement.

Power supply: 85~264VAC or 8~36VDC.

Flow Sensor	Standard small sensor L1	DN15~DN100mm, 0~90
	Standard medium sensor L2	DN50~DN700mm, 0~90
	Standard large sensor L3	DN300~DN600mm, 0~90
	High temp small sensor GL1	DN15~DN100mm, 0~160
	High temp medium sensor GL2	DN50~DN700mm, 0~160
	High temp large sensor GL3	DN300~DN600mm, 0~160
	Standard insertion sensor C1	DN80mm
	Extended insertion sensor C2	DN80mm
	Parallel insertion sensor C3	Customized
	Pipe section sensor	DN15~DN1000mm

Media turbidity: ≤2000PPM and small bubble content

Application pipe: Carbon steel, Stainless steel, copper, PVC, Aluminum, Fiberglass, etc.

Straight pipe section: flow sensor installation point is base to meet: upstream 10D, downstream 5D, from the pump outlet 300(D is the diameter).

IOT Water Quality Monitoring Cabinet

5-parameter Water Quality Monitor IOT Cabinet
KS-600 柜式
水质五参数检测仪

PH+ORP+Chlorine+Turbidity+Temperature
 (Other can be customized)

Features

1. Stainless steel cabinet(Other can be customized).
2. Split screen display, can be disassembled independently, easier to maintain.
- 3.Can be connected to the Water Quality Panel.
4. Data can be viewed remotely via PC, Mobile Phone, App.

Signal Output 4-20mA RS485 Modbus RTU	Relay Output 11-Relay (High Low Trigger)	Wireless Remote transmission DTU/RTU 4G/WIFI
---	--	--

Parameters

Other parameters can be customized

PH	0.01-14.00PH	Connection	DN15 thread
ORP	-1999~1999mV	Installation	Wall-mounted
Free Chlorine	0.01-20.00mg/L(ppm)	Protection	IP55
Turbidity	0-5000NTU	Power Supply	100-240VAC or 12-24VDC
Temperature	0.1-130	Electrical power	30W
Conductivity/TDS	0-20mS/cm or (0-9999ppm)	Weight	22KG
Dissolved Oxygen	0-20.00mg/L(ppm)	Dimensions	500*600*250mm

Dimensions



Application



1. Swimming pool/Spa
2. Water Plant
3. Cooling Tower Water

Note: Cabinet interior can expand relays, control dosing pumps/valves and other products.

IOT Water Quality Monitoring Panel



EASY PANEL

For pH(0-14) and ORP(-1999~1999 mV)

For pH(0-14) and ORP(-1999~1999 mV) and Free Chlorine(0-20 ppm with amperometric probe)

For pH(0-14) and ORP(-1999~1999 mV) and Free Chlorine(0-20 ppm with amperometric probe) and Turbidity(0-5000NTU with optical probe)
For pH(0-14) and ORP(-1999~1999 mV) and Free Chlorine(0-20 ppm with amperometric probe) and Turbidity(0-5000NTU with optical probe) and Dissolved Oxygen(0-20ppm with membrane probe)

For pH(0-14) and ORP(-1999~1999 mV) and Free Chlorine(0-20 ppm with amperometric probe) and Turbidity(0-4000NTU with optical probe) and Dissolved Oxygen(0-20ppm with membrane probe) and Conductivity/TDS(0-200mS/cm or 0-9999ppm)

Easy Panel KS-02

A simple pre-assembled panel with an automatic proportional dosing system for simple chemical parameter regulation for indoor and outdoor pools.

When choosing to install a new piece of measuring equipment in your operation, the ability to simply "plug and play" is a key benefit, saving time and money and potential risks of selecting the incorrect or incompatible individual components. APURE, reknown for its attention to offering practical and pragmatic designs, offers a range of preassembled panels that deliver outstanding results for most commonly found water treatment applications.

APURE's Control Range delivers a modular technical solution for the Water Treatment & Industrial Process markets. The multi-parameter controllers are suitable for use in the following applications municipal Water Treatment, Drinking Water, Cooling Tower, Swimming Pools, Waster Water Treatment.

MAIN BOARD

Power supply 100 – 240 Vac 50/60Hz

Cable Box with power supply 230Vac to connect external dosing pump

Relay 250 V 10 A (Resistive Load) each measure

Submerged Type Liquid Level Transmitter



Submerged type

Waterproof junction box

For High temperature
(collection cylinder)

PTFE material
Anti-corrosion

Parameters

Measuring range: 0~10m, 0~100m(can be customized)

Power supply: 12~24VDC

Output signal: 4-20mA, 0-5V, 0-10V, RS485

Medium temperature: -40~250℃

Protection:IP68

Pressure overload: 200%FS

Mechanical vibration: 20g(20-5000HZ)

Comprehensive accuracy: 0.5%(standard), 0.2%

Stability: ±0.2%FS/Year

Material: junction box low copper aluminum alloy; liquid level probe all stainless steel;
cable material polyethylene wire, stainless steel tube, PTFE anti-corrosion cable.

Media compatible: Various fluid media compatible with 316L stainless steel.

Compact Pressure Transmitter



Industrial Hammer Pressure Transmitter



Integrated Temperature sensor / transmitter



Overview

The integrated temperature transmitter with thermal resistance and thermocouple is a site-mounted temperature transmitter unit. It consists of a thermal resistance thermocouple and a temperature transmitter module. It is a two-wire system with a nonlinear correction circuit that directly measures liquid, gaseous media and various substances in the industrial process from -150 ° C to 400 ° C.

Technical Parameters

Range: -150 ° C ~ 400 ° C

Output signal: 4 ~ 20mA

Supply voltage: 24VDC

Long-term stability: ≤ 0.2% FS / year

Response time: ≤ 20ms

Insertion depth: ≥ 10cm (special requirements can be customized)

Insert diameter: Ø7 (special requirements can be customized)

Nominal pressure: static external pressure on the protective tube at operating temperature

Explosion-proof grade: Exia II CT6 (can be customized)

Power consumption: < 0.5W

Ambient temperature: -40 ° C ~ 80 ° C

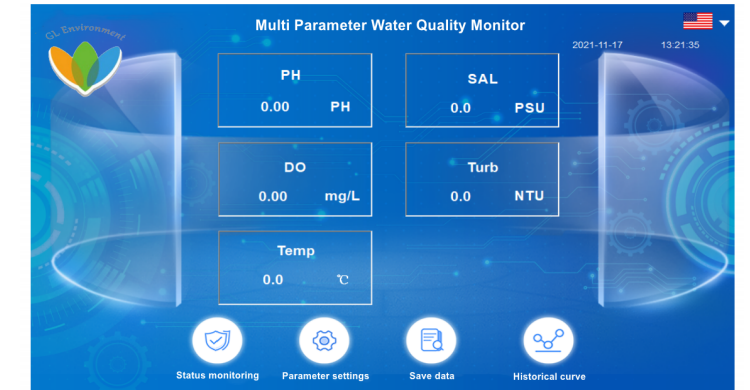
Working environment 2: relative humidity: 0 ~ 95% RH

Mechanical vibration: f < 55HZ, amplitude < 0.15mm

Intelligent Multi-parameter Digital Signal Sensor Monitoring System



KPS-400 Multi-parameter Digital Signal Sensor



KPS-400 Monitor Touch Screen

Measuring Range: Dissolved oxygen(0-20.00mg/L), PH(0-14.00PH), Conductivity/Salinity(0-200.0mS/cm, 0-70.0PSU), Turbidity(0-100.0NTU or 0-1000.0NTU), Ammonia Nitrogen(0-100mg/L or 0-1000mg/L), ORP(-1500~1500mV), Free Chlorine(0-20.00mg/L), Temperature(0-65.0 °C), Nitrite NO2(0-1000.0mg/L), Nitrate NO3(0-100.0mg/L or 0-1000.0mg/L), PTSA(0-200ppb), Corrosion(0-5mm/a), COD(0~500mg/L), etc.

Signal Output: RS485 Modbus RTU Protection: IP68 Cable length: 10m(Optional)

IOT Technical OEM Customized Services, Wireless Remote Transmission, 4G/WIFI.

