

Online pH/ORP Analyzer

innoCon 6800P

The innoCon 6800 plus intelligent controller is designed for water treatment and industrial process monitoring, with Chinese/English menus, automatic temperature compensation, two 4~20mA/RS485 Modbus RTU and Hi/Lo alarm outputs as standard, panel and wall mounting. Different water quality parameters can be measured by selecting different innoSens electrodes.



Measurement parameters

pH/ORP

Features

- The latest wide power input, super anti-interference design
- Large-screen backlit LCD shows measured values, temperature and relay status
- Chinese / English menu, easier to operate
- Password protection, to prevent unauthorized operation
- New calibration steps can help reduce operational errors
- 2 sets relay output can set High/ Low
- Automatic cleaning relay output
- 2 channel 4~20mA current
- RS485 Modbus output

Technical parameter

Item No.:	innoCon 6800P
Measurement:	pH/ORP
Range:	-2.00 - 16.00pH -2000 - 2000mV
Resolution:	0.01pH/1mV
Accuracy:	±0.01pH/±1mV
Compensation:	PT1000 or NTC10K
Display:	Big-size screen of crystal display, white back light
language:	Chinese / English
Passcode:	Set mode: 0022, Calibration mode: 0011
Power supply:	90 - 260V AC, 50/60Hz; 24VDC(Optional)
Current output:	2x Isolated 4~20mA outputs, programmable measured value and temperature, max. load 500Ω
Digital communication:	RS485 Modbus RTU
Alarm output:	2 sets of programmable Hi/Lo contacts with hysteresis setting, 5A/250VAC/30VDC
Washing Relay:	Wash interval: 0.1~1000h, Wash time:1~1000s
Working temperature:	0~70.0°C
Protection class:	IP65
Installation:	Wall/Pipe/Panel Mounting
Size:	Dimensions: 144 × 144 × 110mm, Panel Cut Size: 138 × 138mm
Weight:	Ca.0.85Kg
Order No.:	33-6801-10

PH/ORP Electrode

innoSens pH/ORP

The innoSens series of pH/ORP electrodes are composite electrodes with low-maintenance and high-accuracy features that make them widely used in wastewater treatment, pharmaceutical, chemical, food and beverage industries.

Applicable Controllers

Flumsys 10TC、innoCon 6800P、innoCon 6501P

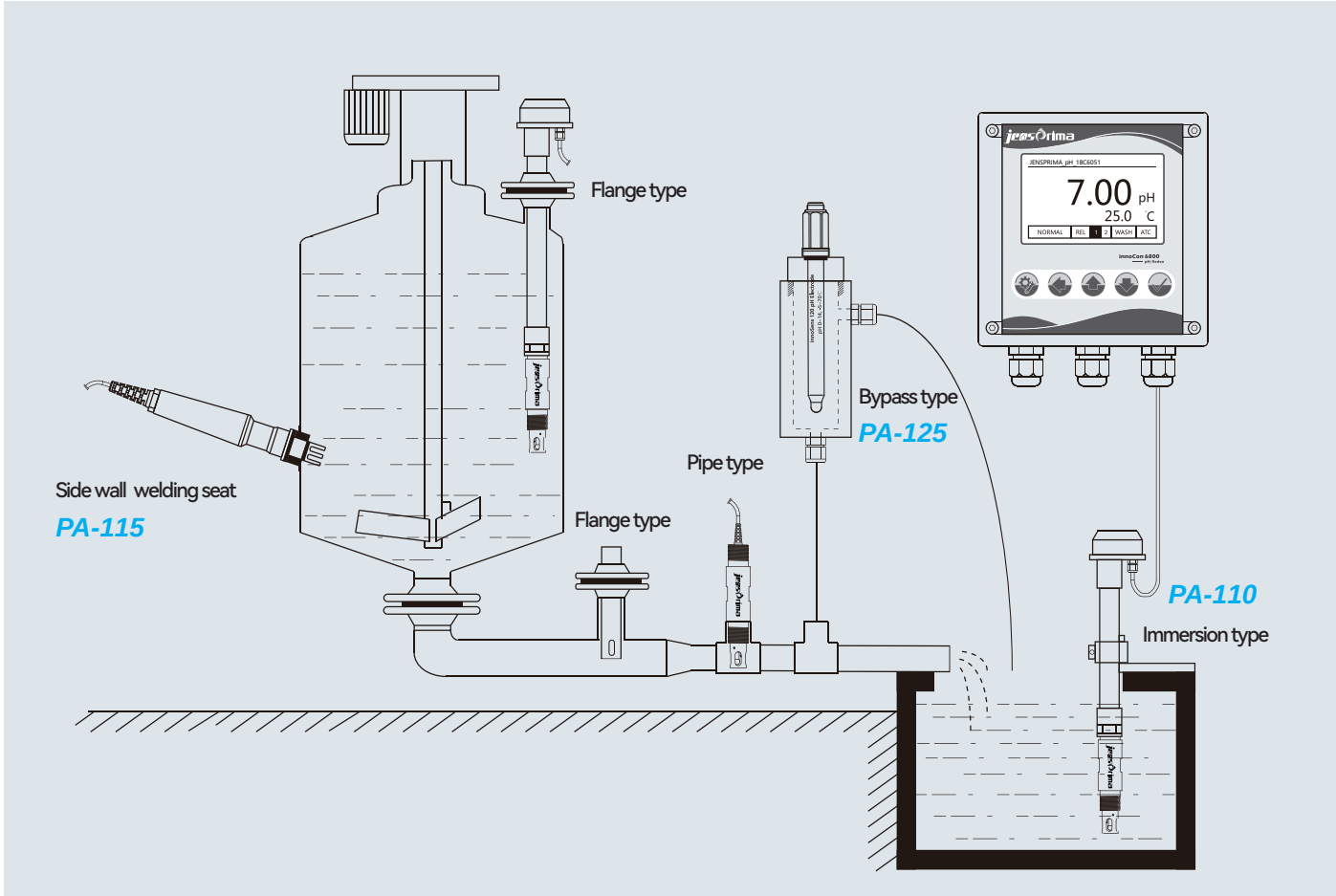
- A/AgCl reference system, Gel and Polymer electrolytes available for longer electrode
- life Open and PTFE diaphragms available for high dirt immunity
- Operating temperature -5-100 °C, high temperature electrodes up to 135°C, optional PT1000 temperature probe (model with T indicates temperature probe included).

innoSens 120 pH Electrode		Order No.: 35-0120-00 Measuring range 0-14pH Working temp -5-100°C Max. work pressure 6bar Material Glass Electrolyte Polymer	Diaphragm PTFE Diaphragm Diameter/Length 12mm/120mm Threaded PG13.5 Cable length 5m standard Application sewage, >150μS/cm
innoSens 125T pH/T Electrode		Order No.: 35-0125-10 Measuring range 0-14pH Working temp -5-100°C Max. work pressure 6bar Material Glass Electrolyte Polymer	Diaphragm PTFE Diaphragm Diameter/Length 12mm/120mm Threaded PG13.5 Cable length 5m standard Application sewage, >150μS/cm
innoSens 130 pH Electrode		Order No.: 35-0130-00 Measuring range 0-14pH Working temp -5-135°C Max. work pressure 10bar Material Glass Electrolyte Polymer	Diaphragm PTFE Diaphragm Diameter/Length 12mm/120mm Threaded PG13.5 Cable length Purchase separately Application sewage, >50μS/cm
innoSens 145T Pure water pH/T Electrode		Order No.: 35-0145-10 Measuring range 0-14pH Working temp -5-100°C Max. work pressure 6bar Material Glass Electrolyte Gel	Diaphragm Ceramic Diaphragms Diameter/Length 12mm/120mm Threaded PG13.5 Cable length 5m standard Application >0.1μS/cm Pure water
innoSens 150T Hydrofluoric acid resistant PH Electrode		Order No.: 35-0145-10 Measuring range 0-14pH Working temp -5-100°C Max. work pressure 6bar Material Glass Electrolyte Gel	Diaphragm Ceramic Diaphragms Diameter/Length 12mm/120mm Threaded PG13.5 Cable length 5m standard Application 适用于<1000ppm HF
innoSens 160T Chlor-alkali chemical pH/T Electrode		Order No.: 35-0160-10 Measuring range 0-14pH Working temp -5-100°C Max. work pressure 6bar Material Glass Electrolyte Gel	Diaphragm Ceramic Diaphragms Diameter/Length 12mm/120mm Threaded PG13.5 Cable length 5m standard Application >50μS/cm
innoSens 210 ORP Electrode		Order No.: 35-0210-00 Measuring range -2000-2000mV Working temp -5-100°C Max. work pressure 6bar Material Glass Electrolyte Polymer	Diaphragm PTFE Diaphragm Diameter/Length 12mm/120mm Threaded PG13.5 Cable length 5m standard Application sewage

pH/ORP Mounting Accessories

PA-100 Series

JENSPRIMA also provides matching pH/ORP mounting accessories, which can be selected by the user according to the on-site installation requirements.



Order Guide

Order No.	Description
50-0100-00	PA-100 Immersion type Mounting Kit
50-0100-10	PA-110 Electrode cover, CPVC material, PG13.5 to 3/4"NPT
50-0100-12	PA-112 Chucks cover, 316L
50-0100-15	PA-115 Electrode cover, Sidewall Mounting
50-0100-25	PA-125 Flow cell, Acrylic material
50-0100-26	PA-126 Flow cell, Stainless steel material