

### Feature

- ※ Application : For monitoring of Industrial Process, Wastewater measurements, Pharmaceutical, Chemical and Food & Beverage industries.
- ※ Panel or Wall mounts Enclosures, NEMA4X, IP65 waterproof, dust proof.
- ※ Provide precise measurement at industrial site or water treatment process.
- ※ Symmetric signal output interface, preventing electromagnetic interference.
- ※ Scaleable isolated output: 0/4~20mA.
- ※ Two level password protections prevent unauthorized of setting.
- ※ Large LCD with background illumination screen.
- ※ Two separate mechanical relays for high and low (HH/HL/LL) setpoints.
- ※ Separately adjustable high and low set-point hysteresis (dead bands) prevent chattering of relays around the set point.
- ※ The third mechanical relays for electrode self-cleaning or alarm.

### PH3000



### PH5000



### PH5500



Specifications	PH3000	PH5000	PH5500
pH Range	-2.00~16.00 pH	-2.00~16.00 pH	-2.00~16.00 pH
Resolution / Accuracy	0.01pH / ±0.01pH	0.01pH / ±0.01 pH	0.01pH / ±0.01 pH
pH Standard Buffer	USA / NIST	USA / NIST	USA / NIST
pH Calibration	1 or 2 point	1 or 2 point	1 or 2 point
ORP Range	-2000~2000 mV	-2000~2000 mV	-2000~2000mV
Resolution	1 mV	1 mV	1 mV
Accuracy	±1 mV	±1 mV	±1 mV
Temperature Range	-9.9~130.0°C	-9.9~130.0°C	-9.9~130.0°C
Resolution / Accuracy	0.1°C / ±0.5°C	0.1°C / ±0.5°C	0.1°C / ±0.5°C
Temperature Sensor	PT1000	PT1000	PT1000
Temperature Compensation	Auto / Manual	Auto / Manual	Auto / Manual
pH Electrode	Standard pH or Antimony electrode	Standard pH or Antimony electrode	Standard pH or Antimony electrode
Signal Input	Symmetrical / Asymmetrical	Symmetrical / Asymmetrical	Symmetrical / Asymmetrical
Analog Output	0 / 4~20 mA	0 / 4~20 mA	0 / 4~20 mA
Serial Interface	—	RS-485	RS-485
Relay Specification	2 SPST / 250V 1A	3 SPST / 250V 1A	3 SPST / 250V 1A
Frequency of Cleaning Time	—	1~999hours / 1~999sec	1~999hours / 1~999sec
Control hysteresis band	0.01~2.00 pH / 1~200 mV	0.01~2.00pH / 1~200mV	0.01~2.00pH / 1~200mV
EMC Standard	EN50081-1 / EN50082-1	EN50081-1 / EN50082-1	EN50081-1 / EN50082-1
Operation Temperature	-10.0~50.0°C (14.0~122.0°F)	-10.0~50.0°C (14.0~122.0°F)	-10.0~50.0°C (14.0~122.0°F)
Operation Humidity	10~95%	10~95%	10~95%
Power Supply	220 / 110 VAC	220 / 110 VAC	220 / 110 VAC
Size / Weight	100x108x150mm / 900g	100x108x150mm / 900g	190x160x133mm / 1.5Kg
Installation Size	93.5x93.5mm	93.5x93.5mm	—
Electrodes / Accessories	See P36		