

17. pH/ORP-5500 pH/ORP Online Meter



■ Application:

Widely used in scientific experiments and flow detection of various pH solution, It is a panel seal type casing, cost-effective pH & ORP line analytical instruments.

■ Characteristics:

- ◆ Be compatible for six kinds of Buffer solution, international standard;
- ◆ Sealed, cost-effective pH/ORP online pH/ORP controller;
- ◆ Outlay temperature sensor design, Universal pH electrode;
- ◆ White back-light, overhead multi symbols, simple to set up, easy to use;
- ◆ Isolated (4~20)mA output, dual mode Instrument/Transmitter;
- ◆ Double relay control (one for high limit, one for the low limit) and the time-delay control;
- ◆ Two composite electrode, do not need to replace the cable;
- ◆ Isolated measurement/Transmitter /Controller; no mutual influence;
- ◆ Optimal electromagnetic compatibility design, good anti-jamming performance;
- ◆ With the CE certification.



■ Main technical features:

	pH	ORP	Temp.
Measurement Range	0.00~14.00	(-2000~+2000)mV	(0.0~99.9)°C(Temp.Compensation: NTC10K)
Resolution	0.01	1mV	0.1°C
Accuracy	±0.1	±5mV (electronic unit)	±0.5°C
Buffer solution	pH value 9.18; 6.86; 4.01; 10.00; 7.00; 4.00		
Temp.Compensation	(0~50)°C (with 25°C as standard) manual/automatic temp. compensation for selection		
Analog output	Isolated (4~20)mA, Instrument/Transmitter for selection		
Power supply	pH/ORP-5500	pH/ORP-5510	pH/ORP-5520
	DC 24V	AC 110V	AC 220V
Control Output	Double relay output (ON/OFF); AC 240V/3A		
power consumption	<3W		
Working Environment	Working temp.(0~50)°C; Relative humidity ≤85%RH (none condensation)		
Storage Environment	Temp. (-20~60)°C; Relative humidity ≤85%RH (none condensation)		
Dimension	96mm×96mm×105mm (H×W×D)		
Hole Size	91mm×91mm (H×W)		
Protection level	IP65 (with back cover)		
Installation	Panel installation, Fast installation		