

CREATE ROC pH/ORP-7500 pH/ORP Online Meter



➤ **Application:**

Widely used for online monitoring in environmental protection water treatment, water environment monitoring, the monitoring of plating solution, chemical process, the circulating cooling water, aquaculture, and acidity in the modern agricultural industry

● **Characteristics**

- ✚ Be compatible for six kinds of Buffer solution (10.00 ,9.18,7.00,6.86,4.00,4.01);
- ✚ Single/ Double resistance difference pre-amplification, compatible with more sensor types;
- ✚ Innovation field calibration and manually calibration for selection;
- ✚ With the isolated outlay temperature sensor for medium voltage balance, satisfy the high precision measurement and control;
- ✚ Emerald back-light, big LCD interface, multi symbols;
- ✚ Isolated (4~20) mA output, dual mode Instrument / Transmitter.
- ✚ Double relay control (high limit and low limit) and the time-delay control to control and adjust the pH/ORP
- ✚ 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;
- ✚ Safe concentration of low voltage DC24V power supply, very suitable for integrated with the automatic control system;
- ✚ With the sealed instrument housing, has the very good weathering resistance and salt fog protective;
- ✚ With the CE Certification.

➤ Main technical features:

	pH	ORP	Temp.
Measurement Range	0.00~14.00	(-1999~+1999)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	10.00; 7.00; 4.00; 9.18; 6.86; 4.01		
Temp. Compensation	(0~99.9)°C (with 25°C as standard) manual/automatic Temp. compensation for selection		
Analog Output	Single channel Isolated(4~20)mA, Instrument/Transmitter for selection		
Control Output	Double channels replay output, Load capacity: AC 220V/AC 110V, 2A(max); DC 24V, 2A(max);		
Power Supply	DC 24V±15%		
Consumption	<4W		
Working Environment	Working temperature (0~50)°C; Relative humidity ≤85%RH(none condensation)		
Storage Environment	Temperature (-20~60)°C; Relative humidity ≤85%RH(none condensation)		
Dimension	96mm×96mm×105mm (H×W×D)		
Hole Size	91mm×91mm (H×W)		
Installation	Panel mounted, Fast installation		