

**INTRODUCING**

**OSR**

# ONLINE pH CONTROLLER



Item Code:

**OSR-OPH91**

### FEATURES:

- ★ Can test pH, min & max. control, current output & digital communication
- ★ Automatic/manual temperature compensation
- ★ With pH high limit & low limit alarm, double relay control, hysteresis can be adjusted freely
- ★ Max loop Resistance > 300Ω
- ★ Can turn on/off voice alarm
- ★ Has power saving mode, backlit LCD can be shut off automatically
- ★ High performance CPU, good electromagnetism compatibility
- ★ Password management, can avoid misoperation by unprofessional operator

Test Item	Measuring Range	Resolution	Accuracy
pH	0.00-14.00 pH	0.01 pH	±0.02 pH

### Other Technical data

- Display: 124x64 dot matrix LCD
- Temperature compensation: 0-100°C (automatic/manual)
- Signal output: 4-20mA (light coupling isolation output, Max loop resistance 300Ω)
- Alarm out: high/low limit
- Normally open relay contacts
- Working voltage: AC 220V±10% 50Hz
- Power: ≤3W
- Working temperature: 0-60°C
- Air relative humidity: 85% or less
- Appearance size: 96 x 96 x 110 mm
- Open hole size: 92 x 92 mm
- Weight: 0.8 Kg

### ONLINE pH ELECTRODE: OSR-OZP-IT



**Measuring Range:** 0-14pH  
**Body Material:** Plastic  
**Working Temp:** 0-80°C  
**Other Technical Data:**  
 Accuracy: = < 0.01 pH  
 Drift degree: = < 0.02 pH/24hours

Slope: 97%  
 Sensitive membrane impedance = < 200 \* 10<sup>6</sup>Ω  
 Isoelectric point of electrode: 7±0.5pH  
 Connector: Regular BNC  
 Response time: 5sec (after stirring)  
 Electrode with Temperature sensor