

JENICO INC. U.S.A

JP-A201 Residual Chlorine & pH Analyzer



Suitable for water industry, swimming pool, water park, secondary water supply and other fields to add disinfectant online measurement and control.

Product characteristics :

- 128 x 64 dot matrix LCD display, English menu; IP65 dust and waterproof grade, all-weather robust operation.
- The adjustable digital filtering coefficient of the instrument shows that the data is more stable, high anti-interference ability, suitable for most industrial applications.
- The constant voltage electrode method, no membrane structure, no need to add electrolyte, simple maintenance and long life.
- Need to use the circulation tank, the flow rate needs to be greater than 30-40 L/hr
- The instrument has dual channels, which can simultaneously access and measure pH and residual chlorine and make pH automatic compensation for residual chlorine.
- The alignment calibration was performed using the DPD colorimetric method.
- Simple menu design, easy to operate, fast calibration.
- Two ways of 4 to 20 mA isolation current output.
- RS-485 interface, photoelectric isolation treatment, safe and reliable.
- MODBUS-RTU communication protocol, which can set the instrument in both directions to facilitate on-site debugging.
- Two switch quantity control relay, 1 functional relay.
- Temperature read offset adjustment.
- Power supply 85-230VAC (or 24VDC option)

Technical specifications :

pH measuring range	: 0.00 to 14.00pH
pH resolution	: 0.01pH
Measurement accuracy	: ± 0.02 pH
pH Compensation range	: pH effective compensation range, 4.00 to 9.00 pH
Residual chlorine measurement	: 0.00 to 20.00 mg/L
Residual chlorine resolution	: 0.01 mg/L
Residual chlorine accuracy	: ± 0.1 mg/L
Electronic unit error	: $\pm 1\%$ F.S
Temperature measurement range	: -10.0 to 130.0°C
Temperature resolution	: 0.1°C
Measurement accuracy	: ± 0.3 °C
Temperature input	: Pt1000
Temperature compensation	: automatic / manual
Signal output	: output type, two ways 4 to 20 mA (adjustable)
Current accuracy	: $\pm 1\%$ FS
Output loading	: less than 500 Ω
Data transmission	: RS-485, Output MODBUS-RTU communication protocol
Switch control	: control mode, 2 SPST relays
Load capacity	: 2.5A 230VAC
Third circuit relay	: functional relay (the user can set the cleaning or alarm)
Working temperature	: 0 to 60°C
Working humidity	: relative humidity <90%
levels of protection	: IP65
Installation method	: panel mount
Outline dimension (H×W×D)	: 108×108×128 mm
Open hole size	: 92×92 mm (positive tolerance)