

# Microprocessor Residual Chlorine / Ozone Transmitter

**CT-6300-RS**



## Applications:

- 🔥 Swimming pool
- 🔥 Drinking water

## Features:

- 🔥 Waterproof and dustproof design
- 🔥 144 x 144mm microprocessor Residual Chlorine/Ozone transmitter
- 🔥 Sensor type: Compatible with both two-wire and four-wire
- 🔥 User-friendly operation
- 🔥 Large LCD display with auto-sense AUTO/ON/OFF programmable illumination
- 🔥 Simultaneous display of measurement value and temperature
- 🔥 Automatic temperature compensation
- 🔥 With password and multi-key design, security protection enhancement
- 🔥 Isolated current output DC 0/4~20mA corresponding to measurement value
- 🔥 Equipped with one analog output and one RS-485 interface (Modbus protocol)
- 🔥 Hi/Lo two limited contact outputs with programmable set-points and hysteresis
- 🔥 Gradually continuous sample measurements average program to enhance stability
- 🔥 Automatic sensor clean function with programmable time interval and hysteresis
- 🔥 LED indicator alarm and wash status signal
- 🔥 IP 65 (NEMA 4X)



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## CT-6300-RS

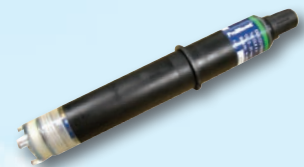
### Specifications:

Model		CT-6300-RS
Measuring modes		Residual(Free) Chlorine / Ozone / Temperature
Ranges	Cl <sub>2</sub>	0.00~100.00 ppm(mg/l), depends on sensor
	O <sub>3</sub>	0.00~20.00 ppm(mg/l), depends on sensor
	Temp.	-30.0~130.0°C
Resolution	Cl <sub>2</sub>	0.01ppm(mg/l)
	O <sub>3</sub>	0.01ppm(mg/l)
	Temp.	0.1°C
Accuracy	Cl <sub>2</sub>	±0.5%±1Digit
	O <sub>3</sub>	±0.5%±1Digit
	Temp.	±0.2°C±1Digit
Temperature Compensation		Automatic with PT-1000 / NTC-30K or manual adjustment
Ambient temperature		0~50°C
Storage temperature		-10~70°C
Display		LCD display with sensitization sensor for auto/manual illumination function
Analog output		Isolated DC 0/4~20mA corresponding to residual chlorine/ ozone measurement, max. load 500Ω
Serial Interface		RS-485 (MODBUS RTU or ASCII)
Settings	Contact	240VAC, 0.5A Max. (recommend)
	Activate	Two sets Hi/Lo programmable, ON/OFF
Wash	Contact	240VAC, 0.5A max. (recommend)
	Time	ON: 0~9999 sec. / OFF: 0.0~999.9 hours
Voltage output		DC±8V , 0.5W Max.
Power supply		100V~240VAC±10%, 5W Max., 50/60Hz
Installation		Wall or Pipe or Panel mounting
Dimensions		144 mm x 144 mm x 115 mm (HxWxD)
Cut off Dimensions		138 mm x 138 mm (HxW)
Weight		0.82Kg
Protection		IP 65 (NEMA 4X)

\*The specifications and appearance of the instrument are subject to change without notice.

### Optional accessories:

- Two-wire or four-wire residual chlorine sensor (0-2/0-20/0-50ppm) (Recommended sensor operating range pH5.5~8)
- Two-wire or four-wire ozone sensor
- Electrolyte 100.c.c.
- Flow chamber
- pH transmitter
- pH electrode
- Recorder
- Temperature probe
- Sun shield
- Signal cable



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