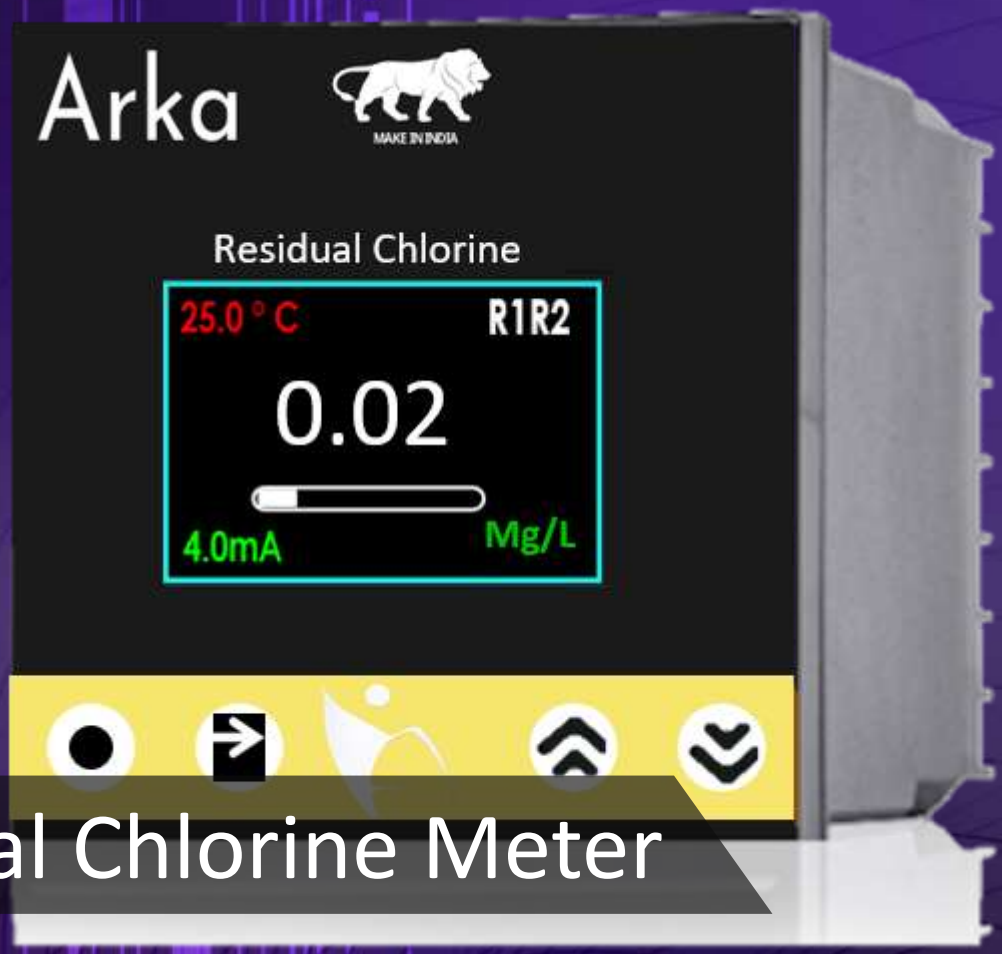
Arka Instruments

Residual Chlorine Meter



Residual Chlorine Meter

Features

The Residual Chlorine Analyzer are to be fixed in a location from where water will be distributed to the selected area with maintenance free installation. The sensors, connectivity, interfacing software, etc. are to be proposed under this component.

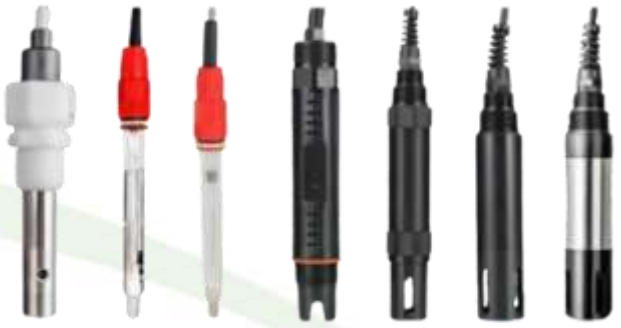
- Highly Accurate
- Maintance Free
- Excellent Performance
- Instant Analysis

Specifications

Function	Cl2	ClO2	O3
Measuring Range	0.00 to 20.0 mg/L	0.00 to 2.00 mg/L	ppm (mg/L)
Resolution	0.1 / 0.001 ppm (mg/L)		
Accuracy	±0.01 ppm / ±0.001 ppm (mg/L)		
Temperature Compensation	Pt1000 / NTC22K		
Temperature Range	-10.0 to +130.0 °C		
Temp. Compensation Range	-10.0 to +130.0 °C		
Temp. Resolution	0.1 °C		
Temp. Accuracy	±0.2 °C		
Solution Temperature Coefficient Compensation	0.01 to 9.99 %		
Ambient Temperature Range	0 to +70 °C		
Storage Temperature	-20 to +70 °C		
Display	Backlight, dot matrix LCD display		
FCL Current Output 1	Isolated 4–20 mA, max. load 500 Ω		
Temp. Current Output 2	Isolated 4–20 mA, max. load 500 Ω		
Current Output Accuracy	±0.05 mA		
RS485	Modbus RTU protocol		
Baud Rate	9600 / 19200 / 38400		
Max. Relay Contacts Capacity	5A / 250 VAC, 5A / 30 VDC		
Cleaning Setting	ON: 1 to 1000 sec, OFF: 0.1 to 1000 hours		
One Multi-function Relay	Rinse / Interval Alarm / Error Alarm		
Relay Delay	0 – 120 seconds		
Waterproof Grade	IP65		
Power Supply	90–260 VAC, Power consumption < 5 W		

Digital Sensors

Residual chlorine sensors are designed for accurate and real-time monitoring of free chlorine, chlorine dioxide, or ozone in water. Using advanced digital technology, they provide stable measurements with automatic temperature compensation, low maintenance, and easy integration with PLCs or data acquisition systems. Ideal for drinking water treatment, wastewater monitoring, and industrial applications.



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