

RP-1000

Chlorine Analyzer



Features

- User friendly menu driven interface
- Highly visible LCD display
- 4-20 mA DC and alarm outputs
- Field Programmable
- Built in valve for sample regulation
- Simple to maintain sensor

RP-1000

Description

The Eagle Microsystems RP-1000 residual chlorine analyzer utilizes digital electronics to optimize the measurement of free or total residual chlorine in water using probe technology.

The measuring element for chlorine residual is an amperometric probe to simplify operation and minimize maintenance. The monitoring instrument provides a two line by 16 character LCD display to show chlorine residual in engineering units and permits operator control and configuration through a simple, 4-pushbutton operator interface.

The instrument includes a 4-20 mA DC output for chlorine residual as well as high and low alarm contacts for control.

Cl₂ Ranges:

- 0-0.5 - 0-20 ppm Free
- 0-0.5 - 0-10 ppm Total

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RP-1000

Chlorine Analyzer

Specifications	
Input	Free or total chlorine probe
Range	Free: 0-0.5, 2, 5, 10, 20 ppm
	Total: 0-2, 5, 10 ppm
Outputs	4-20 mA DC
	4 contacts rated 3 A @ 120 V AC
Display	Backlit, 2 line 16 character LCD
Enclosure	NEMA 4X, fiberglass
Mounting	Wall mount panel standard
Probe water temperature range	41-113° F, 5-45° C
Slope drift	~1% per month
Flow rate	4-7.9 gph
Max pressure	7 psi
Cross sensitivities	O ₃ , ClO ₂

