



DESCRIPTION

The Eagle Microsystems RP -1200 Chlorine/pH Residual Analyzer utilizes a digital electronics to optimize the simultaneous measurement of residual chlorine and pH in water using probe technology.

The sensing element for pH is a glass, double junction cell. The measuring element for chlorine residual is an amperometric probe to simplify operation and minimize maintenance. A rotameter and control valve are provided to permit regulation of sample flow rate. The monitoring instrument provides a two line by 16-character LCD display of both pH and chlorine residual in engineering units, and permits operator control and configuration through a simple, 4-pushbutton operator interface. Probes can be mounted as required for the application.

FEATURES

- **Simple, user-friendly, menu – driven operator interface**
- **Dual parameter display**
- **4-20 mAdc and alarm outputs**
- **Field programmable**
- **Flowmeter & valve for sample flow regulation**
- **Cl₂ Ranges: 0-0.5 to 0-20 ppm**
- **pH Range: 0-12 pH**
- **Probe type sensors for ease of maintenance**

SPECIFICATIONS

SENSORS

Chlorine

- Range – 0.5, 2.0, 10.0, & 20.0 ppm
- Temperature – 5 to 45 degrees C.
- Amperometric probe

pH

- Range – 0-12 pH
- Temperature: -5 to 135 degrees C.
- Glass measuring electrode with annular ceramic double junction reference cell

INSTRUMENT

- Dual Input – pH & chlorine probes
- Outputs- 4-20 mAdc
Four contacts – 1.2A@120Vac
- Display - 2 - line x 16 - character LCD
- Operator interface - Menu driven, 4-pushbutton control
- Enclosure - NEMA 4X, fiberglass
- Mounting - Wall or surface

