

4000 PH pH and ORP Analyzer

Precision pH Monitoring with Waltron's 4000 PH Analyzer for Reliable Results

The Waltron 4000 PH Analyzer offers exceptional accuracy and excellent pH and ORP monitoring. Designed for ultra-pure and general-purpose applications, it features a single-channel design compatible with various electrodes, robust temperature compensation, and a durable IP66 enclosure. Backed by Waltron's strong U.S. support, the 4000 PH ensures reliable, precise water and steam analytics.



Key Features

- Single-Channel pH/ORP
- Displays pH reading and electrode mV values
- Easy to install and configure
- Durable 1/2-DIN IP66 NEMA 4X enclosure can be panel, surface, or pipe-mounted
- Simple, intuitive menu, with soft-touch buttons
- The instrument can be adjusted in off-line mode
- Choice of 12-30VDC or 90-265VAC versions
- Links to a wide range of glass and redox electrodes using Pt1000 or Pt100 Temperature compensation
- Includes two relays, two digital inputs, and two 4-20mA outputs
- Large, clear LCD backlit display



Get in Touch

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Specifications

Parameter: pH

Technology: Glass/Combination

Range(s): 1-14pH

Accuracy: ± 0.05 pH, ± 3 mV

Sample Streams: 1

Response Time: $t_{90} < 30$ sec

Cycle Time: Continuous

Analog Outputs: Single current output, selectable 0-20mA or 4-20mA into 750 ohms max, fully isolated to 2kV. Expandable across the full operating range and offset anywhere in that range. Loop fault detection.

Alarms: 2 normally open, fully configurable setpoints, with volt-free contacts for each relay.

Calibration Method: Two-Point

Calibration Frequency: Probe-dependant

Ambient Conditions: 0-130°F / -20-55°C

Sample Temperature: Probe-dependent

Sample Flow/Pressure: Probe-dependant

Mechanical

Power: Universal 90-265vAC, 10W max.
LV Option 12-30vDC, 5W max

IP Rating: IP 66, NEMA 4X

Dimensions: Front panel 144 x 144mm (Panel-cut out: 138 x 138mm)

Weight: 4.9 lbs / 2.2 kg

Mounting: Panel, wall, pipe mounting

Materials: High Strength ABS

