4095 Multi-Conductivity Analyzer

Advanced Multi-Conductivity and pH
Monitoring with Waltron's 4095 Analyzer

The Waltron 4095 Multi-Conductivity Analyzer delivers innovative technology for precise water and steam monitoring, tailored for power plants and industrial facilities. It offers unparalleled accuracy, streamlined single-transmitter displays, and easy data logging. Supported by Waltron's service team, the 4095 ensures reliable and efficient conductivity and pH analysis.

Key Features

- Conductivity measurement range: 0.055 to 1000 uS/cm

- Calculation of pH value in the range from pH 7.5 to 11.5

- Space-saving panel mount

- Calculation of alkalizing reagent consumption, e.g. ammonia in the range from 0.01 to 10 ppm.

- Simultaneous measurement and display of specific and cation conductivity, pH, alkalizing reagent, sample temperature and sample flow

- Temperature compensation preset for strong acids (wide range selectable for other sample conditions)

- Optional 4010 resin cartridge assembly

- Extremely low power consumption

- 1/4-DIN cutout with color touchscreen

- Connects to a wide variety of specific conductivity sensors

Get in Touch

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Specifications

Parameter: Specific/Cation/Calculated pH

Technology: Contacting

Range(s): 0-9.999 µS/cm, 0-99.99 µS/cm

Accuracy: (+/-) 1% of measured value or +/- 1 digit (whichever is greater)

Sample Streams: 31-Dec

Response Time: t90: < 5 seconds

Cycle Time: Continuous

Analog Outputs: 4 x 0/4 – 20 mA for measured signals

Digital Outputs: Optional RS422/RS485

Alarms: General Alarm

Calibration Method: Process

Calibration Frequency: Probe-dependant

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

Sample Temperature: Probe-dependant

Sample Flow/Pressure: Probe-dependant

Mechanical

Power: 110 to 240 VAC, 48 to 63 Hz

IP Rating: IP 66, NEMA 4X

Mounting: Panel

Materials: High Strength ABS