

9096 Degas Cation Conductivity Analyzer

Comprehensive Degas/Multiple Conductivity and pH Monitoring with Waltron's Innovative 9096 Analyzer

The Waltron 9096 Degas Cation Conductivity Analyzer uses patented degassing technology for precise measurement of specific, cation, and degassed conductivity, plus calculated pH in ultrapure water. Its efficient degassing and intuitive touchscreen reduce turbine start-up times. Backed by Waltron's U.S. team, the 9096 delivers reliable, actionable results.



Key Features

- Revolutionary heatless degassing technology
- Achieves 93.5% degassing efficiency in less than 90 sec
- Sample temperature fluctuation does not affect accuracy
- No gas emissions or volatile acids
- Simultaneous measurement and display of specific/cation/degassed conductivity, pH, with sample temperature and sample flow
- Alarms for resin exhaustion and low degassing efficiency
- Integrated with the Waltron 4010 resin cartridge holder system
- Significantly reduced turbine start-up times
- Quick-change consumables
- Surface mounted for easy maintenance



Get in Touch

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Specifications

Parameter: Specific/Cation/Degas/Calculated pH

Technology: Dynamic Degassing

Range(s): 0-9.999 $\mu\text{S}/\text{cm}$, 0-99.99 $\mu\text{S}/\text{cm}$

Accuracy: < 0.6% of the measuring range

Sample Streams: 1

Response Time: t_{90} : < 5 seconds

Cycle Time: Continuous

Analog Outputs: Four 0/4 - 20mA for measured signals

Digital Outputs: Optional RS422/RS485

Alarms: General Alarm, Low Degassing Efficiency Alarm, Resin Exhausted Alarm

Calibration Method: Process

Calibration Frequency: Probe-dependant

Ambient Conditions: 0-55°C / (32-131°F)

Sample Temperature: 0 - 50 °C / (32 - 122° F)

Sample Flow/Pressure: .7-10L/h ;
(.031 - .044 GPM) ; Maximum 10bar (145psig)

Mechanical

Power: 110 to 240 VAC, 48 to 63 Hz

IP Rating: IP 66, NEMA 4X

Dimensions: 29 x 37 x 10 (613 x 939 x 254mm)

Mounting: Panel / Wall

Materials: Corrosion Resistant Steel

Sample Connection: 1/4 (0.635cm) OD Swagelok

Maintenance Cycle: Monthly cartridge exchange (resin, soda lime)

