

3146 Ammonia Analyzer

Precise Ammonia Monitoring with Waltron's
Easy-to-Maintain Analyzer

Waltron's 3146 Ammonia Analyzer is specifically designed for the online analysis of ammonia as used for pH control in high purity process water. The 3146 is trusted worldwide to deliver accurate and reliable ammonia readings with easy maintenance and low total cost of ownership. Common applications include boiler cycle water and condensate return systems.



Key Features

- Accurate and wide-range analysis (PPB & PPM)
- 100% toolless wet section
- Pre-assembled pump/sample heads for quick changeout
- Automatic calibration and validation (QA/QC)
- Color touchscreen display
- Grab sample capability
- Internal datalogger with easy USB port on door
- Standard motion sensor LED light and color active alarm indicators
- Automatic start/stop based on sample flow detection with internal loop low reservoir



Get in Touch

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Specifications

Parameter: Dissolved Iron

Technology: Colorimetric

Range(s): 0-250ppb, 0-500ppb, 0-5ppm

Accuracy: (+/-) 2% of full scale

Sample Streams: 1 to 2

Response Time: ~12 minutes, batch process

Cycle Time: One reading every 20 mins,
adjustable

Analog Outputs: 4-20mA (galvanic isolator
option) or 0-5V

Alarms: 2 or 4 configurable alarms
(result, loss of sample, fault)

Calibration Method: Automatic

Calibration Frequency: One reading every
20 mins, adjustable

Ambient Conditions: 10-45°C analyzer
(50-113°F)

Sample Temperature: 5-55°C (41-131°F)

Sample Flow/Pressure: 100-500 ml/min;
atmospheric

Mechanical

Power: 110-220VAC

IP Rating: IP65/NEMA4X

Dimensions: 24x15x8.5 (60x38x21cm)

Weight: 38lbs / 17kg

Mounting: Panel/Wall

Materials: Corrosion-resistant Stainless Steel

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

Maintenance Cycle: Monthly reagents,
quarterly tubing

