



## Support Documents (ISE)

### **Ion Selective Documentation**

#### **Organic (PVC) Ion Selective Addendums**

Ammonia Determination with Rosemount 56 Analyzer

Basic Configuration (without pH Compensation Enabled)

Advanced Configuration (with pH Compensation Enabled)



#### **AMMONIA (Low, Standard & High)**

Total Ammonia Ammonium (NH<sub>4</sub><sup>+</sup>) Ion Selective Addendum – Low Level ~ 1 ppm or less

Total Ammonia Ammonium (NH<sub>4</sub><sup>+</sup>) Ion Selective Addendum – Standard / Mid Level ~ 1-999 ppm

Total Ammonia Ammonium (NH<sub>4</sub><sup>+</sup>) Ion Selective Addendum – High Level ~ 0.1 to 5.0% (1,000

to 50,000 ppm)

## **NITRATE**

Nitrate NO<sub>3</sub><sup>-</sup> & Total Nitrate as Nitrogen (NO<sub>3</sub>-N) Ion Selective Addendum – NEW 3rd GEN

### **All other PVC ion selective addendums**

Sodium Na<sup>+</sup> Ion Selective Addendum

Sodium Na<sup>+</sup> Ion Selective Addendum (High Range) – NEW

Calcium Ca<sup>2+</sup> Ion Selective Addendum

Sodium Ca<sup>2+</sup> Ion Selective Addendum (High Range) – NEW

Potassium K<sup>+</sup> Ion Selective Addendum

Perchlorate ClO<sub>4</sub><sup>-</sup> Ion Selective Addendum

Lithium Li<sup>+</sup> Ion Selective Addendum

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## **Operational Documents about Using Industrial Ion Selective Transmitters**

**Rosemount 56 pH/ORP/ISE Single & Dual Channel Transmitter / Analyzer / Controller**

**56 Product Specifications**

**56 Operation Manual**

**Rosemount 1056 pH/ORP/ISE Single & Dual Channel Transmitter / Analyzer / Controller**

**1056 Product Specifications**

**1056 Operation Manual**

**Rosemount 1057 pH/ORP/ISE Single, Dual & Triple Channel Transmitter / Analyzer /**

Controller

[1057 Product Specifications](#)

[1057 Operation Manual](#)

## Solid State Ion Selective Addendums

Fluoride Determination with Rosemount 56 Analyzer

[Basic Configuration \(without pH Compensation Enabled\)](#)

[Advanced Configuration \(with pH Compensation Enabled\)](#)



## FLUORIDE (Low pH & High pH)

[Total Fluoride \(HF\) F- Water and Wastewater High pH Ion Selective Addendum ~ pH 5.5 to 9.5](#)

[Total Fluoride \(HF\) F- Acid Etching Low pH Ion Selective Addendum ~ pH 0.5 to 5.5](#)

## All other Solid-State ion Selective Addendums

[Total Cyanide CN- Ion Selective Addendum](#)

[Chloride Cl- Ion Selective Addendum](#)

[Bromide Br- Ion Selective Addendum](#)

[Iodide I- Ion Selective Addendum](#)

[Total Sulfide S<sup>2-</sup> Ion Selective Addendum](#)

[Silver Ag<sup>+</sup> Ion Selective Addendum](#)

Other ion selective addendums not posted here are available upon request. Please contact the ASTI factory for assistance.

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## Technical Documents about Ion Selective Sensors and Electrodes

Online ISE Measurement Guidelines

[General Guide to Online ISE Measurements](#)

Technical Papers on Ion Selective Sensors

[Understanding Ion Selective Sensors](#)

[General Background on Ion Selective Sensors](#)

ISE Cleaning and Polishing Procedures

[General ISE Cleaning and Polishing Procedure](#)

[Cleaning and Polishing Cyanide Sensors](#)