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 (NH4+) Ion Selective Addendum – Low Level ~ 1 ppm or less

Total Ammonia Ammonium (NH4+) Ion Selective Addendum – Standard / Mid Level ~ 1-999 ppm

Total Ammonia Ammonium (NH4+) Ion Selective Addendum – High Level ~ 0.1 to 5.0% (1,000

to 50,000 ppm)

NITRATE

Nitrate NO3- & Total Nitrate as Nitrogen (NO3-N) Ion Selective Addendum – NEW 3rd GEN

All other PVC ion selective addendums

Sodium Na+ Ion Selective Addendum

Sodium Na+ Ion Selective Addendum (High Range) – NEW

Calcium Ca2+ Ion Selective Addendum

Sodium Ca2+ Ion Selective Addendum (High Range) – NEW

Potassium K+ Ion Selective Addendum

Perchlorate ClO4- Ion Selective Addendum

Lithium Li+ Ion Selective Addendum

Operational Documents about Using Industrial Ion Selective Transmitters

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

56 Product Specifications

56 Operation Manual

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

1056 Product Specifications

1056 Operation Manual

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

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 S2- Ion Selective Addendum

Silver Ag+ Ion Selective Addendum

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

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