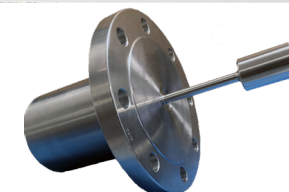
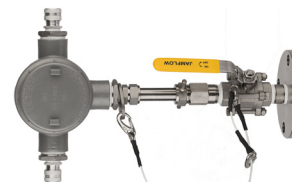
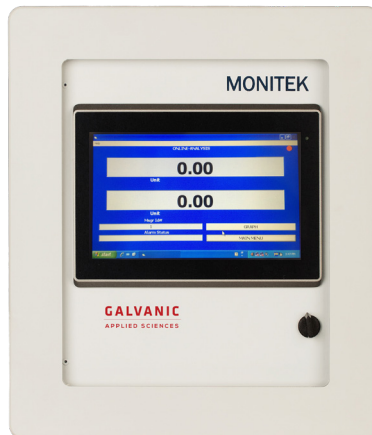


Liquid Process Analyzers

Chemical - Process Chemistry - Product Quality - Waste Water

GALVANIC

APPLIED SCIENCES



AccuSeries-LPA

Titration, ISE, Colorimeter

UNIQUE FEATURES

- ± 2 ppb Sensitivity
- Div. 2 / Zone 2 (No Purge)
- Multi-Parameter / Stream
- Custom Wetted Parts
- Handles 70°C Samples

KEY APPLICATIONS

- Amine Sweetening
- Sour Water Stripper
- Hardness in Brine

PARAMETERS

- Acid # / Base #
- Acid Gas Loading
- Acidity
- Alkalinity
- Aluminium
- Amine Strength

- Ammonia
- Ammonium
- Barium
- Bicarbonate
- Boron
- Bromine

- Cadmium
- Calcium
- Carbonate
- Caustic
- Chlorate
- Chloride

- Cyanide
- FFA #
- Fluoride
- Hardness
- Hydrazine
- Hypochlorite

- Iron
- Magnesium
- Manganese
- Mercaptans
- Molybdenum
- Nickel

- Nitrate
- Nitrite
- Oil in Water
- Peroxide
- Phenol
- Phosphate

- Potassium
- Silica
- Sodium
- Sulfate
- Sulfide
- Sulfite

- Suspended Solids
- T.M.A.H.
- T.B.C.
- Thiocyanate
- Thiosulfate
- Thiourea

- Tin
- Turbidity
- Urea
- Viscosity
- Zinc
- ... And More!

FPA 4100

UV - VIS Photometer

UNIQUE FEATURES

- Multi-Stream Up to 8
- IECEx Zone 1 (No Purge)
- 200°C / 300 psi Samples
- Accessible External Cell
- Auto Zero / Calibration

KEY APPLICATIONS

- H₂S / SO₂ in Gas
- Waste Water Deodorizing
- Oil in Water

Monitek

Turbidity - TSS - Color

UNIQUE FEATURES

- Powerful Cleaning Jets
- Div. 1 / Zone 1 Sensors
- 1,400 psi / ≤ 100 m Cable
- Custom Connections / Units
- Submersible or Flanged

KEY APPLICATIONS

- NGL Saybolt Color
- Polymer Dosing Control
- Chor-Alkali Brine Clarity

Monitek UltraSonic

Acoustic Oil in Water / TSS

UNIQUE FEATURES

- Handles Coatings on Sensor
- Zero Downtime Sensor Removal
- Div. 1 / Zone 1 / CRN Sensors
- ≤ 100 m Cable / Custom Length
- 150°C / 260 psi Samples

KEY APPLICATIONS

- Filter Break-Through
- Oil in Water
- TSS in Edible Oil Processing

ViscoSite

Viscometer

UNIQUE FEATURES

- No Moving Parts
- Div. 1 / Zone 1 Sensor
- 400°C / 2,500 psi
- Anti-Stick Teflon Coating
- Sensor Shield Protection

KEY APPLICATIONS

- Roofing Asphalt
- Ceramic Cement
- Refinery Vis-Breaking

Gas Process Analyzers

Natural Gas - NGL - Refinery - Petrochemical

GALVANIC
APPLIED SCIENCES



AccuLase-GPA
Tunable Diode Laser

UNIQUE FEATURES

- 0.15 ppm Sensitivity
- No Scrubber
- Single Herriott Cell
- Up to 4 Streams
- No Consumables

KEY APPLICATIONS

- Custody Transfer
- Refinery Fuel Gas
- Bio Gas

PARAMETERS

- Hydrogen Sulfide
- Carbon Dioxide
- Moisture (H₂O)



ProTech903
Tape

UNIQUE FEATURES

- ± 5 ppb Sensitivity
- Predictive Alarm
- Extended-Life Tape
- Combined H₂S / TS
- No Interferences

KEY APPLICATIONS

- Catalyst Protection
- Refinery Flare
- NGL Acids

PARAMETERS

- Hydrogen Sulfide
- Total Sulfur
- Arsine
- Phosphine
- Phosgene
- Chlorine



Brimstone
Spectrophotometer

UNIQUE FEATURES

- < 10 Sec. Response
- Anti-Clogging Probe
- Close-Coupled Design
- Double Air Demand
- Maximum Uptime

KEY APPLICATIONS

- SRU Tail Gas (Air Demand)
- SRU Sulfur Pit
- SRU Acid (Feed) Gas

PARAMETERS

- Hydrogen Sulfide
- Sulfur Dioxide
- Carbonyl Sulfide
- Carbon Disulfide



AccuChrome GC
TCD

UNIQUE FEATURES

- ±0.25 Btu Accuracy
- 4 Minutes Analysis
- Up to 8 Streams
- CSA Class 1 Div. 1
- No °C Drift Issues

KEY APPLICATIONS

- Refinery Flare
- N.G. Pipeline
- Custody Transfer

PARAMETERS

- Btu; Heating Value
- C7+; C8+
- Ethane, Methane
- Propane; H₂; N₂
- H₂S; CO₂; CO; O₂
- Specific Gravity
- Wobbe; n-Butane
- iso-Pentane



SulfurChrome GC
Chemiluminescence

UNIQUE FEATURES

- ppb to % Response
- No Known Interference
- 1 Cal Gas for All Sulfurs
- Not Affected by Upsets
- Up to 8 Streams

KEY APPLICATIONS

- Odorant Monitoring
- N.G. Pipeline
- N.G. Custody Transfer

PARAMETERS

- Sulfides
- Disulfides
- Mercaptans
- Thiophenes
- Total Sulfur
- Others on Request



Gas Micro
EVC - EPR

UNIQUE FEATURES

- ± 0.05% Accuracy
- CSA -40° to +65°C
- 12 Year Calibration
- 8 Year Data Back-Up
- 1 Wide-Range Sensor

KEY APPLICATIONS

- N.G. Distribution
- Custody Transfer
- Energy Management

PARAMETERS

- Volume
- Pressure
- Temperature