

GALVANIC

APPLIED SCIENCES

ONLINE GAS PRODUCTS

SulfurChrome™ GC

For Sulfur-Content Determination

Carbon Disulfide
COS
Dimethyl Sulfide
Methylethyl Sulfide
H₂S
Methylethyl Disulfide
iso-Propyl Mercaptan
Methyl Mercaptan
n-Propyl Mercaptan
Ethyl Mercaptan
Propyl Mercaptan
Tert-Butyl Mercaptan
Tetrahydro Thiophene

- **Electrically-Heated**
 - No "Flame Out" Issues
 - No Nuclear Source
- **Equimolar Response**
 - ppb - % Linearity
- **No Interferences**
 - Accuracy ± 2% F.S.
- **Chemiluminescence detector**



ProTech™

Tape-Based Analyzer



Arsine
H₂S
Phosgene
Phosphine
Total Sulfur

- **5 ppb LDL**
 - Hydrogen Sulfide + Total Sulfur Configurations
 - Multi-Stream (Up to 4)
- **Optical Tape Encoder**
 - Ensures Exact Spacing
- **Membrane Humidifier**
 - Reduced Dead Volume
- **Predictive Alarm Analysis**
 -
- **Over-range capability**
 -

Brimstone™

Sulfur-Recovery Analyzer

- **< 10 Second Response Time**
 - UV Analysis
 - CCD Detector Array
 - Accuracy ± 1% F.S.
- **Air-Cooled Sample Probe**
 - Sulfur Vapor Control
- **Closed-Coupled Connections**
 - No Heat-Tracing Required Air Demand

Air Demand
H₂S
SO₂
COS
CS₂



AccuChrome™ GC

Btu & Hydrocarbon Analyzer



- **Accuracy ± 0.25 Btu/SCF**
 - 4 Minutes/Analysis
 - Multi-Stream (Up to 8)
- **Airless Heat-Sink Oven**
 - No Instrument Air Required
- **Thermistor-Based Detector**
 - Corrosion-Resistant

BTU
C₆+ (Hexane, etc.)
C₇+ (Heptane, etc.)
Carbon Monoxide
CO₂
Compressibility
Ethane
GPM
H₂S
Heating Value
iso-Butane
iso-Pentane
Methane
N-Butane
Nitrogen
n-Pentane
Oxygen
Propane
Specific Gravity
Wobbe Index

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ONLINE LIQUID PRODUCTS



FPA 4100™ UV Photometer

- **Multi-Stream (Up to 8)**
 - mg/L – g/L – % Ranges
 - Gas or Liquid Samples
- **±2% F.S. Accuracy**
 - 5-Point Calibration
- **Dual-Wavelength Analysis**
 - Turbidity Compensation

Nametre™ Viscometer

- **0.1 – 1,000,000 cP**
 - Samples up to 400°C
 - Temp Compensation
- **Density Input**
 - Auto or Manual
- **Class 1, Div. 1 Sensors**
 - Up to 300m Cable



AccuSeries™ Colorimeter, Titrator or ISE Analysis

- **Multi-Parameter Analyses**
 - ppb – ppm – % Ranges
 - Multi-Stream (Up to 4)
- **± 2% F.S. Accuracy**
 - 3 Point Calibration
- **Samples Up to 70°C**
 - Wide-Bore Sample Tubing



Monitek™ TSS & Color Monitor

- **Optical Turbidity, Color, TSS**
 - NTU & mg/L Methods
 - Cleaning Jet Option
- **Acoustic Turbidity, TSS**
 - Great for Opaque or Oily Samples
- **Class 1, Div. 1 Sensors**
 - Up to 100m Cable

ABC (Alkali)	Ammonium	Chlorine	Fluoroborate	Iodine	Perchlorate	Sulfide Loading
Acid #	Barium	Chlorine Dioxide	Formaldehyde	Iron	Permanganate	Sulfite
Acid Gas Loading	Base #	Chlorite	Formol #	Lead	Peroxide	Sulfur Dioxide
Acid, Acetic	Bicarbonate	Chromium	FFA #	Magnesium	Persulfate	Surfactants
Acid, Boric	Boron	Chromium VI	Hardness	Manganese	Phenol	Suspended Solids
Acid, Citric	Bromate	Citrate	Hazen Color	Mercaptans	Phosphate	Tert-Butyl-Catechol
Acid, Cyanuric	Bromide	Cobalt	Hydrazine	Mercaptides	Phosphorus	Thiocyanate
Acid, Hydrochloric	Bromine	COD	Hydrocarbons	Mesityl Oxide	Pt-Co Color	Thiosulfate
Acid, Nitric	Bromine #	Color	H2O2	Molybdate	Potassium	Thiourea
Acid, Phosphoric	Cadmium	Copper	H2S	Molybdenum	Saybolt Color	Tin
Acid, Sulfuric	Calcium	Cyanide	Hydrosulfite	NaOH	Silica	Total Inorganic Carbon
Acidity	CO2	Cyanuric Acid	Hydroxide	Nickel	Silver	Turbidity
Alkalinity	Carbonate	DMSO	Hypochlorite	Nitrate	Sodium	Urea
Aluminium	Caustic	EDTA	Hypophosphite	Nitrite	Sodium Chloride	Viscosity
Amine	Chlorate	Ferric Chloride	Indigo	Oil in Water	Sulfate	Volatile Organic Acid
Ammonia	Chloride	Fluoride	Iodide	Orthophosphate	Sulfide	Zinc