High-Quality Gas Analyzers for Gas and Water Applications

Hydrogen/Syngas

- **Applications:**
  - HyCO process control, hydrogen purity analysis, feed forward control, and flare gas analysis
  - Gas analyzers for H₂O, CO, CO₂, H₂, N₂, CH₄, H₂S, and hydrocarbons

- **Models:**
  - 9610 Calorimeter
  - XPDM Model
  - MAX300-LG
  - MAX300-RTG

Air Separation

- **Applications:**
  - Process control, quality control, truck fill, safety, and compliance
  - Trace analyzers for H₂O, O₂, CH₄, CO, CO₂, C₂H₄, and more, from ppb to % level detection capability

- **Models:**
  - ESS XDT Model
  - HDT / XPDM / LPDT Models

Electronic Gas

- **Applications:**
  - Bulk gas continuous quality control monitoring (CQC); pre and post-purifier measurements
  - Trace gas analyzers for H₂O, O₂, H₂, CH₄, NH₃, CO, CO₂, N₂, Ar, Xe, Kr, Ne, He, hydrocarbons, and more

- **Models:**
  - HALO Max QCL
  - HALO OK
  - HALO KA/KA Max
  - VeraSpec APIMS

**Additional Information:**

- **Tiger Optics**
  - CO-rekt
  - Spark
  - HYDROGEN TRANSPORT

- **Cosaxentaur**
  - XDT / XPDM / LPDT Models
  - 9610 Calorimeter
  - XPDM Model
  - MAX300-LG
  - MAX300-RTG
  - HALO Max QCL
  - HALO OK
  - HALO KA/KA Max

- **Extrel**
  - XDT / XPDM / LPDT Models
  - MAX300-LG
  - MAX300-RTG
  - VeraSpec APIMS
  - HALO Max QCL
  - HALO OK
  - HALO KA/KA Max
**OUR PREMIUM GLOBAL BRANDS**

**Specialty Gas**

- **Applications:**
  - Moisture impurity monitoring in welding gases, & specialty gases including corrosive (HCl, HBr, Cl₂), rare gases (Xe, Kr, He, Ne), fluorinated gases, (SF₆, NF₃, CF₄), hydrides (NH₃, PH₃, GeH₄, AsH₃), and pure CO₂

**Labs, Safety and Compliance**

- **Applications:**
  - Air and fenceline monitoring
  - Oxygen deficiency safety monitoring
  - Sulfur and nitrogen in fuels and biofuels
  - Moisture calibration of sensors and standards
  - Water influent and effluent discharge control for environmental compliance

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**pi solutions for industrial gas overview - update FL.rev21**