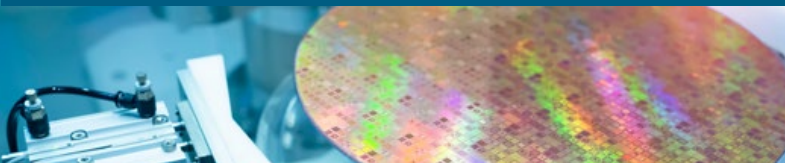


High-Performance UHP Gas Analyzers and Online Water Analyzers

Mass Spectrometers & Optical Spectroscopy Analyzers



Electronic Gas

NEW



Atmospheric Pressure Mass Spectrometers for Real-Time, ppt-Level, Multi-Impurity Analysis **VeraSpec™ APIMS**

Applications:

- Bulk gas monitoring for trace H_2 , H_2O , O_2 , CH_4 , CO , CO_2 , Kr , NH_3 , and Xe



CRDS For ppt-Level H_2O , CH_4 and NH_3
HALO KA Max™



CRDS for Pre-Purifier Measurement H_2O , CH_4 , CO , CO_2 , C_2H_2
Spark™



CRDS Trace Gas Analyzer for O_2
HALO OK™



ppt-Level CRDS for CO and CO_2 ,
HALO Max QCL™

Laser Spectroscopy & Electrochemical Analyzers



Specialty Gas

Applications:

- UHP ammonia for HB LED production
- Quality monitoring for process specialty gases including HCl , Cl_2 , CO_2 , N_2O , NF_3 , $CxHy$, Xe and more
- Corrosion-resistant versions available



Aluminum Oxide Dew Point Meters for Portable/Fixed/Loop-Powered Applications
XDT / XPDM / LPDT / LPDT2™



ppt-Level CRDS Trace Moisture Analyzer
HALO KA H2O™



CRDS for Corrosive, Rare, and Fluorinated Gases
HALO 3™



CRDS for ppt-Level H_2O in pure NH_3
ALOHA+ H2O™



Process Tools



Aluminum Oxide Dew Point Meters
for Portable/Fixed/Loop-Powered Applications
XDT / XPDM / LPDT / LPDT2™



Mass Spectrometer for Real-Time,
ppb-Level Analysis
MAX300-LG™



CRDS Trace-Level, Low-Pressure
Moisture Analyzer
HALO QRP™



CRDS Reduced-Pressure,
Trace-Level Analyzer
HALO RPT™

Applications:

- Tool monitoring for trace H₂O and HF
- Low pressure, low temperature EPI, ALD, MOCVD process monitoring
- Real-time moisture measurement in load lock, transfer, and process chambers

Laser Spectroscopy Analyzers



Airborne Molecular Contaminants

Applications:

- Continuous AMC monitoring for ambient HCl, HF, and NH₃
- Coming Soon - HBr



CRDS Analyzers for Monitoring ppt-Level HCl, NH₃ and HF in Clean Room Air
T-I Max HCl™ and T-I Max NH3™ and T-I Max HF™



Mobile Solution for Monitoring AMC
GO-Cart™

Water Quality Analyzers



Water Analysis

Applications:

- On-line water quality analysis for Total Organic Carbon (TOC), Chemical Oxygen Demand (COD), and Biochemical Oxygen Demand (BOD)
- Online determination of TOC (TRUE TOC), TC, TIC, NPOC, DOC, POC/VOC



TOC Water Analyzer for Harsh Wastewater Applications
QuickTOCultra™



Water Analyzers for Pure and Process Water Applications
QuickTOCpurity™



Water Analyzers for Ultra-Pure Water Applications
QuickTOCtrace™



COD Water Analyzer for Laboratories
QuickTOClab™

Spectrometers, Water Quality, Electrochemical & Chilled Mirror Analyzers



Lab, Safety & Compliance

Applications:

- Ambient air monitoring, O₂, dew point, and toxic chemicals
- Scrubber efficiency
- Precise dew point measurement for calibration labs



Trace to Percent Oxygen Monitors for Portable and Fixed Applications
Series 1300™ and **OXY-SEN™**



Aluminum Oxide Dew Point Meters & Transmitters with Hyper-Thin-Film Technology for Portable/Fixed/Loop-Powered Applications
XDT | XPDM | LPDT | LPDT2™



Benchtop Mass Spectrometers for Real-Time, ppb-level, Multi-Impurity Analysis
MAX300-LG™



Ambient Air Mass Spectrometer for Environmental Applications
MAX300-AIR™



Chilled Mirror Dew Point Meter and Humidity Generators
Model 473™

Laser Spectroscopy Analyzers



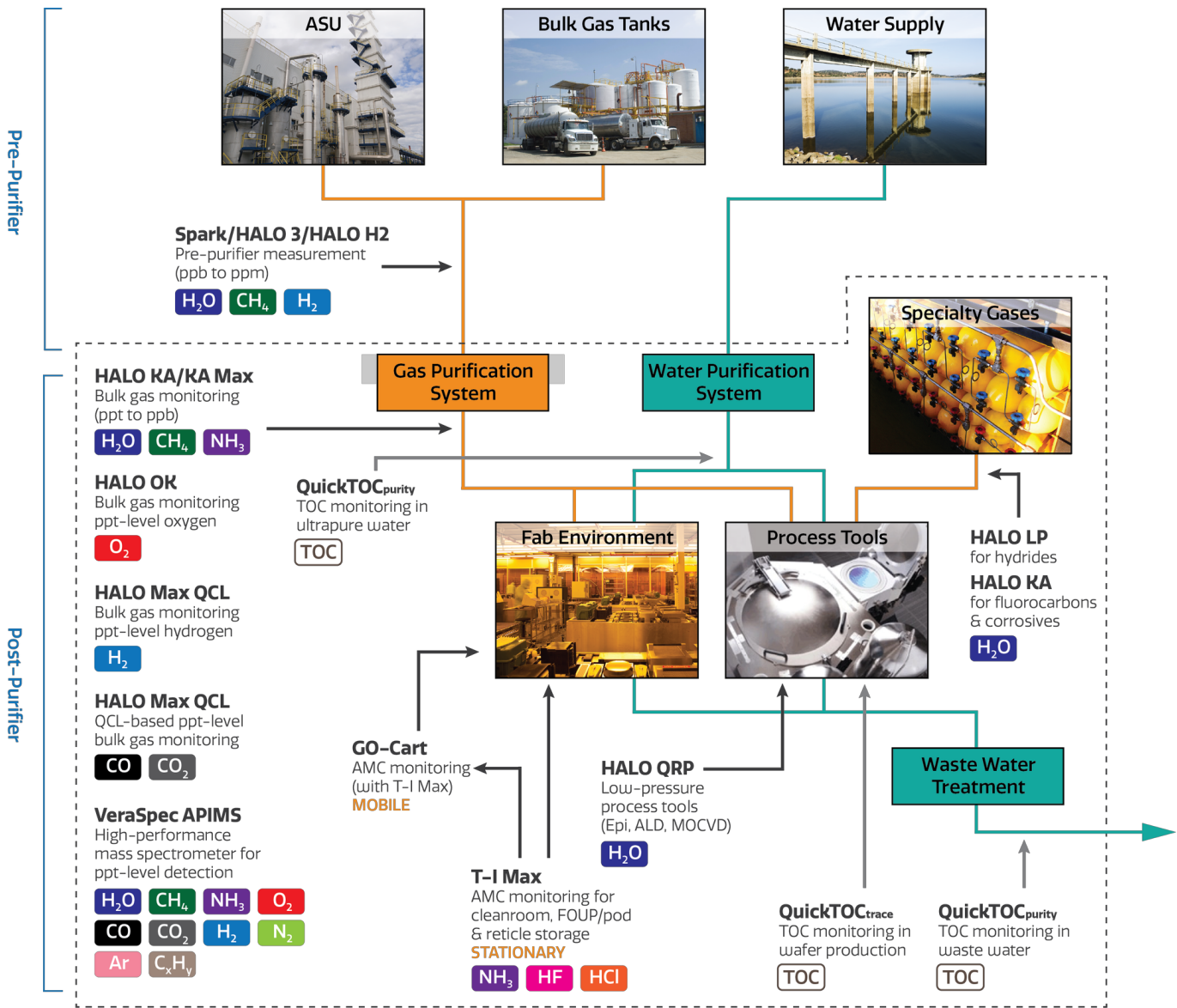
Systems Integration

- Turn-Key integrated solutions for bulk and specialty gas, and AMC monitoring
- Fixed analytical cabinets, and mobile carts

NEW



Total Solutions for the Semiconductor Industry



GAIN REAL-TIME INSIGHT INTO YOUR PROCESS

Process Insights manufactures and delivers premium sensors, monitors, detectors, analyzers, instrumentation, and software that are mission-critical to keep your operations, personnel, and the environment safe – every day across the globe.

Get the most reliable, precision analytical technologies available on the market today. We will work to match your needs and budget, and provide the optimal, and most stable process analysis solution for your application.

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REVOLUTIONIZING MEASUREMENT

EVERYWHERE