Xturion™ Mobilytix™
Custom Mobile Analytical Cart

Xturion™
CUSTOM GAS EQUIPMENT

SEMI-GAS® supplies SEMI S2 certified, production-ready ultra high purity gas source systems, distribution systems and control technology to leaders in the Semiconductor industry and related high-tech fields. Built to address the most rigorous precision and purity demands of these specialized applications, SEMI-GAS® solutions are globally renowned for their premier levels of safety, quality, and performance.

DESIGN STANDARDS

◊ Meets All Relevant Safety Standards
◊ Conforms to Uniform Building and Fire Codes
◊ Helium Leak Tested to $1x10^{-9}$ atm-cm^3/sec

FEATURES

◊ Accurately Analyzes Process Line Gases for Impurities
◊ Designed to Monitor and Protect Critical Downstream Gas Processes and Tools
◊ Monitors Moisture, Oxygen, Particle Levels and Trace Impurities of Nitrogen, Argon, and Oxygen
◊ Easy System Operation via Individual Analyzer Control Panels
◊ Integrated Fully Automatic Data Logging Controller Monitors & Compiles Analyzer Data
  - *Color Touchscreen*
  - *Samples Up to Six Analog Input Channels*
  - *Different Screen Views with Sample Trends*
  - *Sample Ranges Span Days to Years*
  - *4 GB Compact Flash Card*
◊ Optional Helium Inlet Purifier
◊ Lockable Heavy Duty Steel Casters for Easy Mobility

ENGINEERING DATA

◊ Dimensions: 44" T X 24" W X 40" D (pictured)
  - *Can be customized*
◊ Voltage: 100 – 240 VAC
◊ Frequency: 50 to 60 Hz
◊ 1⁄4" MVCR Inlet Connections
◊ 1⁄2" Compression Vent Outlet Connection

MATERIALS OF CONSTRUCTION

◊ Various Analyzers Available. As Pictured Includes:
  - *Tiger Optics HALO H$_2$O Moisture Analyzer*
  - *Delta F 550E Trace Oxygen Analyzer*
  - *PMS Micro LPC-101 HP Particle Counter*
  - *Peak Laboratories Performer 1 PDHID Trace Impurities Analyzer*
◊ Ultra High Purity Process Gas Routing Panel
◊ Ultra High Purity Analyzer Routing Panel
◊ 12 Ga Black Steel Enclosure with Lockable, Breathable Steel Mesh Doors