

# New! The AVP™ System



AIR LIQUIDE

## *MicroPurge® P Series All Vapor Phase System*

### Features

- *Process Monitoring Mode* for constant monitoring of internal and external alarm inputs
- *Temperature Control*
- *Bottom heater* for smooth vaporization, higher flow rates and elimination of liquid droplets in the gas delivered
- *Super heater* to remove droplets in the head space
- *Serial or ethernet network* to allow communication with other controllers



### A World Class System

The MicroPurge® All Vapor Phase (AVP™) system is designed for liquid phase Hazardous Process Materials (HPM) process gases that require continuous monitoring and automatic vacuum assisted purging. The AVP™ system utilizes a patented process for maintaining vapor pressure during vapor extraction and limits the distribution of moisture droplets formed by rapid liquid boiling. The AVP™ is based on Air Liquide's world class, PLC-based Autoswitching Manifold System (AMS) System. MicroPurge® P Series controllers, combined with well-proven, transducer-based manifolds, provide the vapor control as well as the gas system safety features optimized for submicron semiconductor manufacturing. When used in conjunction with a MicroPurge Liquid Phase P Series Automatic Distribution System, the AVP™ provides safe, fault-tolerant specialty gas supply with low-cost-of-ownership characteristics.