

Accu-Orion Weld

Inert Gas Purification System

The Orion is a single or dual column inert gas purifier system with a 0 to 2400 CFH blower and automatic isolation valves mounted into low profile cabinet. The Orion includes a control system with flat panel LCD display and user-friendly, 4-key control pad. The flat panel display/keypad assembly tilts for readability. It is removable and may be located up to twenty feet from the base unit with the accessory control cable assembly.

- Flow Rate: 0 to 2400 CFH (Nitrogen or Helium); 0 to 1920 CFH (Argon)
- Purification Capacity: 20 liters of O₂ and 2.3 Kg of H₂O absorption capacity per column (per catalyst mfg specs.)
- System features an automatic timed cycle with user selectable special solvent regeneration cycle
- Graphical display on LCD panel in analog bar graph and digital readings
- Antechamber evacuation and refill control with 24 VAC, 500 mA signals to control solenoid valves
- User programmable low and high pressure points with footswitch for manual pressure control
- Over-pressure-limit system sounds an alarm and shuts down power to all valves if glove box exceeds user programmed limits
- Each Gas Drier is capable of maintaining dryness levels in two (2) atmosphere chambers measuring up to 24" X 24" X 60"



**Conforms to UL and CSA Standards
for Laboratory Equipment**

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