

Saturn™ Series Point-of-Use UHP Gas Purifier Systems

FEATURES

- ◆ Wall Mounted Cabinet - easy installation
- ◆ Easy on-site replacement of purifier vessel
- ◆ Manual or Air Operated inlet/outlet valves
- ◆ Bypass valving for uninterrupted operation
- ◆ Full electronics with alarm/auto shut-down
- ◆ Sub-ppb removal of impurities from Noble Gases, Nitrogen, and Hydrogen
(See PF Series Data sheet for full listing)
- ◆ Optional in-line 0.003µm Particle Filter
- ◆ Optional 316L stainless steel (< 10Ra) electro-polished wetted surface finish (XL and PF)
- ◆ Orbitally Welded Construction
- ◆ Helium Leak Test to 1×10^{-9} scc/sec
- ◆ Class 10 clean room assembly (XL and PF)

The Saturn is part of a comprehensive range of Purifier products available from NuPure Corporation.

The Saturn is designed as a compact, wall mounted purifier system, and incorporates all electronics, temperature controls, valving, alarms and built-in safety features. Available with an *end of life indicator*, the Saturn insures a reliable continuous supply of UHP gas.

The Saturn Series can accommodate the NuPure models 40 through 2000 heated getter purifiers, offering a standard flow range of 0 - 100 slpm in the PF series and 0 - 150 slpm in the standard or XL series. The Saturn **Hi-Flow** Wall-Mount Purifiers can accommodate models 2000 through 5000, with flows up to 300 slpm.

High pressure purifiers (3000 psig) can be incorporated within the Saturn series, which are ideal for gas bottle filling plants and other similar high pressure applications.

APPLICATIONS

- ◆ Semiconductor Process Gas
- ◆ UHP Purge Gas
- ◆ Analytical Industry
- ◆ Gas Bottle Filling Plants

