

CRYOVATION

SUREGAS SOLUTION

Providing Unattended and Constant Gas Flow To Keep Customers Producing

Issue: Interrupted gas supply at pressures above 400 PSI

Many fabrication shops require a constant, uninterrupted gas supply at pressures exceeding bulk tank capability (laser cutting, injection molding, etc.). For these applications, any pause in the gas supply can result in lost productivity, ruined work-pieces, and even downtime for an entire operation.

Gas changeover manifolds can be utilized by smaller operations that are using only a limited amount of product. However, the process of delivering and changing out empty cylinders is tedious, labor intensive and expensive.

Solution: Smart Control Systems

CryoVation offers its PAC-1 (Pump Automated Control) Console and its CV Cryogenic Pump to pressurize a high pressure gas pack or reserve bank of cylinders. The PAC-1 is PLC controlled and will sense a programmed low pressure in the reserve gas bank to turn on and, at high pressure set-point, turn off again. Regulators control the desired flow of product into the building. This entire process is automated and requires virtually no human interaction as long as the liquid source is maintained.

CryoVation's SureGas[®] System

