

N₂ GEN HPCF-SFI/SXC

The HPCF-SFI/SXC series uses PSA filtration technology to deliver high quality, clean, dry nitrogen. Low pressure tank, electric booster, integrated air compressor and dryer (SFI), and cylinder fill stand are conveniently packaged with the nitrogen generator on a compact skid.

DESIGNED FOR:

- Ideal Solution to provide self-sustainable N₂ supply
- Customized for 2 BAR vacuum quench with available N₂ purities of 99.95%, 99.99% and 99.999%
- No need to have expensive liquid bulk tank or buy cylinders
- Common footprint uses air powered booster to refill cylinders
- The High Pressure Cylinder Fill (HPCF) uses PSA filtration technology to deliver clean, dry Nitrogen
- Integrated, low maintenance, air powered N₂ booster



FEATURES:

- Fills alternate size cylinders 2200 psig to 4500 psig
- Built-in, user friendly PLC with 3.5" color touchscreen
- Auto-off when cylinder fill is complete
- Manual start/stop capability
- Attached fill stand with high pressure leads and chains for securing cylinders
- Integrated, electric, N₂ booster
- Integrated compressed dry air package - no external compressed air source required (SFI)
- Single 208-230, 1 phase power supply

OPTIONS:

- Custom purity (up to 99.999%) and/or alternate cylinder fill rates
- Annual filter maintenance kit
- Complete air compressor package (Continuous supply of clean, dry compressed air is required at 208-230v or 460v. Existing supply of compressed air may be used- SXC only)
- 1K, 2K, and 5K hour kits available
- DOT K-type cylinder
- Start-up/commissioning and training

Specifications	HPCF-SFI-0004	HPCF-SFI-0110	HPCF-SFI-0130	HPCF-SXC-0130
Standard N ₂ purity	99.99%			
Outlet pressure	2200 - 4500 psig			
Cylinder fill rate: SCFH	22 SCFH	61 SCFH	90 SCFH	90 SCFH
HP filling leads included on skid	-leads (optional) 1 - 6 (CGA 580 or CGA 680)			
Electrical requirements	208 - 230 VAC / 1 Ph / 60 hz			
Compressed air volume required ²	No external compressed air required			8.7 SCFM
Part number	800347	800345	800343	
Dimensions	68" L x 34" W x 60.25" H			
Skid Weight	850 lbs	950 lbs	1200 lbs	1100 lbs

1. Standard N₂ Cylinders at approximately 245 SCF capacity @2200-2400 psig. Partially filled cylinders will fill to max pressure in fewer hours.
 2. Compressed air must be dried to 39-45F dewpoint; minimum 100 psig inlet pressure to N₂ skid required for SXC model.
 3. Per Manufacturer's Terms & Conditions.