



South-Tek Systems

Take Control of Your Nitrogen

South-Tek's Laser Purge nitrogen generator is engineered specifically for the fiber laser head or bellow purge process. The compact system is a cost-effective solution - allowing you to only pay for the high-purity nitrogen your process needs.

As the only dual-bed, PSA (Pressure Swing Adsorption) nitrogen generator in the laser market, our gold standard filtration technology ensures a reliable source of clean, dry, particulate-free nitrogen supply on demand. Delivering a steady flow of up to 99.99% pure nitrogen, the dual-bed design allows for maximum efficiency and minimal maintenance. Combined, the dual-bed design and PSA technology are a powerful solution with a 20+ year system life (dependent on system maintenance and run time).

South-Tek's nitrogen generators provide a fast, favorable ROI, and, when comparing the cost of generating nitrogen to buying liquid nitrogen in bulk, South-Tek's clients on average realize up to a 50-90% savings.



CONTACT: laser@southteksystems.com or 888-526-6284



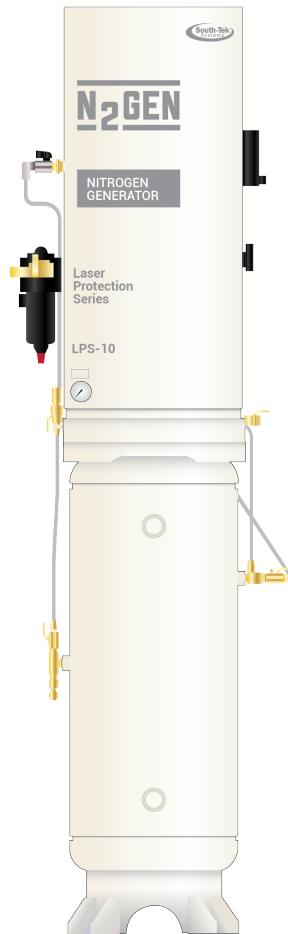
Laser Series - Laser Purge (LP)

DESIGNED TO:

- Supply clean, dry, particulate-free purge gas
- Provide a reliable source of nitrogen on-demand
- Deliver 99.99% pure nitrogen

FEATURES:

- 0.01 Micron filtration post generation (Filter debris and particulates)
- Smart-Trak remote monitoring and management



LS-HP-10 Model



LS-HP 40-140 Models

Specifications ¹	LP-10	LP-40	LP-60	LP-100	LP-140
N ₂ Purity(%)	99.99%	99.99%	99.99%	99.99%	99.99%
Flow Rate (SCFH)	10	40	60	100	140
Air Requirement PSI / SCFM	115 / 1.6	115 / 4.4	115 / 6.2	115 / 11.3	115 / 14.7
N ₂ Pressure (PSI)	85	85	85	85	85
Dimensions (L x W x H)	21" x 12.32" x 66.5"	33" x 28" x 61"			41" x 34" x 61"
Weight	130 lbs.	425 lbs.	450 lbs.	625 lbs.	759 lbs.
Electrical Requirements	110-220V / 50-60 Hz / 1 Phase				
Warranty	2 Year Standard Warranty				

¹ Per terms and conditions: www.southteksystems.com/terms
 Note: Larger systems are available