



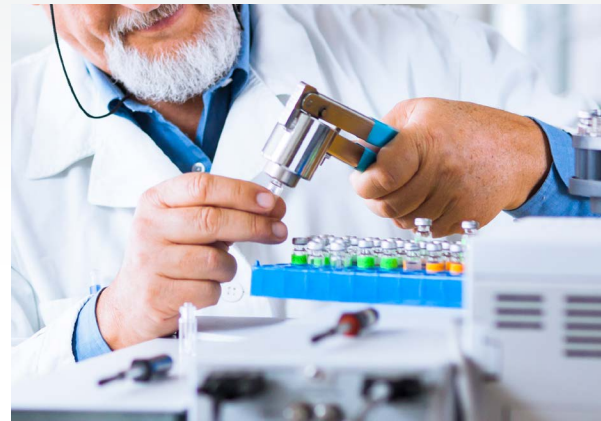
LABTEK™



*Designed with the
Perkin Elmer Q-Sight
in mind*

- Generate nitrogen and zero grade dry air on-demand
- Designed for continuous use
- Dual-bed, PSA technology delivers up to 99.99% pure nitrogen (flow rate dependent)
- Exceptionally quiet
- Touchscreen control displays status and maintenance alerts
- Remote monitoring and management capabilities
- UL 508A ICP listed

N₂-90D NITROGEN GENERATORS

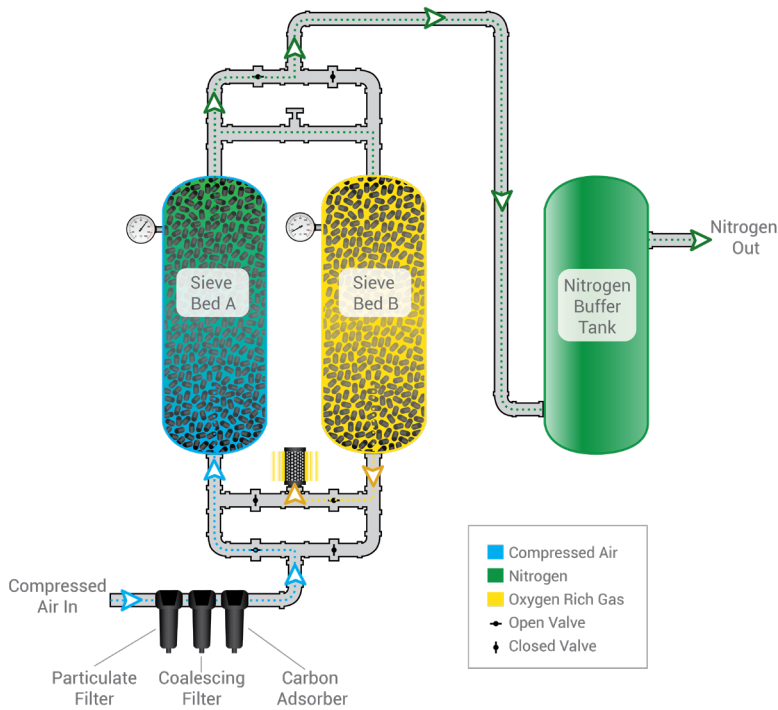




Designed with the Perkin Elmer Q-Sight in mind, the **N₂-90D** produces up to 20 LPM of LCMS Grade Nitrogen and 70 LPM of Clean, Dry, Zero Air. In a whisper-quiet enclosure, the generator works to efficiently produce Nitrogen on-demand. Our novel Smart-Trak™ technology, allows the monitoring and management of your generator from any mobile device. Smart-Trak enables you to remotely turn on or off the unit with a tap of a button.

HOW OUR TECHNOLOGY WORKS

LABTEK nitrogen generation technology safely separates the readily available nitrogen from the air we breathe using Carbon Molecular Sieve (CMS). Molecules smaller than nitrogen are adsorbed into the CMS, allowing the larger nitrogen molecules to pass through into a storage tank for later process use. Our generators create quality nitrogen, ready for immediate use by any application.



- 1 Compressed air is filtered, removing oil, water, dirt and other impurities.
- 2 Sieve Bed A acts as a sponge, using carbon molecular sieve to adsorb oxygen.
- 3 Simultaneously, Sieve Bed B is in recovery. After a period of time, the process will switch.
- 4 Specified purity nitrogen is discharged into the nitrogen buffer tank, ensuring a steady downstream supply and uninterrupted N₂ usage.

SPECIFICATIONS

	N ₂ -90D
Nitrogen Flow Rate	0-20 LPM
Zero Grade Dry Air	0-70 LPM
N ₂ Outlet Pressure	0 - 116 PSIG
Nitrogen Purity	Up to 99.99% Pure N ₂
Particulates	< 0.01 um
Suspended Liquids	None
Electrical Required	230V/1Ph
Unit Dimensions	40" H x 23" W x 28" D
Maintenance	Annual (Filters)

A Safer, Smarter and Cost-Effective Solution

- No missed cylinder deliveries
- One-year warranty*
- Flexible service plans

Request a Quote Today

lab@southteksystems.com

(888) 526-6284

* Per South-Tek Systems terms and conditions.