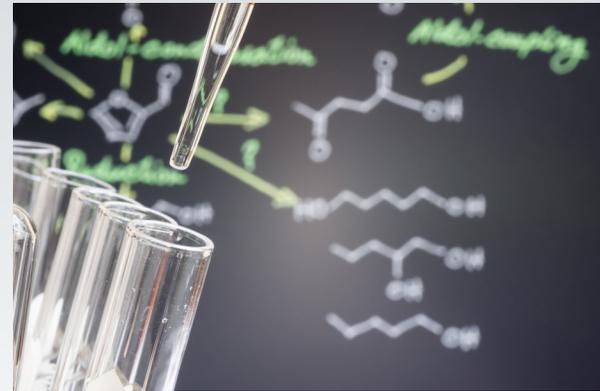




# LABTEK™



## N<sub>2</sub>30 Dual NITROGEN GENERATOR



*Designed with the Shimadzu 8050 and 8060 in mind – produces up to 15 LPM of nitrogen and 15 LPM of dry air*



- Generate nitrogen on demand
- Designed for continuous use
- Exceptionally quiet, compact design fits neatly under laboratory bench
- Dual-bed, PSA technology delivers up to 99.99% pure nitrogen (flow rate dependent)
- Touchscreen control displays status and maintenance alerts, remote monitoring capabilities
- Simple plug-and-play design
- UL 508A ICP listed



## A Safer, Smarter and Cost-Effective Solution

The **LABTEK N<sub>2</sub>30 Dual** produces high-purity nitrogen and dry air for any laboratory application. These units use state-of-the-art, dual-bed pressure adsorption (PSA) technology to produce high-purity, LCMS grade nitrogen without taking up valuable lab workspace. LABTEK technology provides additional filtration measures to ensure that your generator and analytical equipment are free from contamination and particulates.

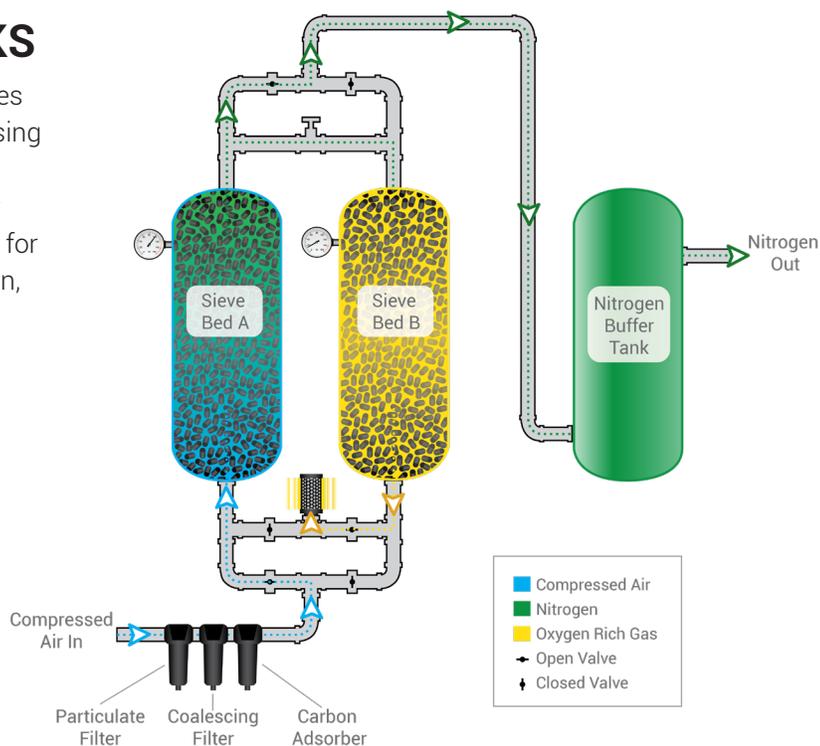


- **No missed cylinder deliveries**
- **One-year warranty (Per South-Tek terms and conditions)**
- **Flexible service plans**

## 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 N<sub>2</sub> usage.



Specifications	N <sub>2</sub> 30 Dual
Nitrogen Flow Rate	0-15 LPM
Dry Air Flow Rate	0-15 LPM
N <sub>2</sub> Outlet Pressure	0-116 PSIG
Nitrogen Purity	Up to 99.99% Pure N <sub>2</sub>
Particulates	< 0.01 um
Suspended Liquids	None
Electrical Required	120VAC
Unit Dimensions	26" H x 23" W x 28" D
Maintenance	Annual (Filters)

**Request a Quote Today:**  
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