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# TITAN 10 L/DAY

10 LIQUID NITROGEN GENERATOR

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**MADE IN USA**

USED BY NASA, FBI, SOCOM, AND AIR FORCE



**CAPACITY**

PRODUCE UP TO 10 LITERS PER DAY



**STORAGE**

LARGE 55 LITERS TANK INCLUDED

Compact and powerful, the Titan 10 liquid nitrogen generator produces up to 10 liters per day and includes a 55-liter storage tank. Trusted by NASA, the FBI, and the U.S. Air Force. Made in the USA, ideal for labs and clinical use.

FROM

**USD 39,998**



([www.rutherfordtitan.com](https://www.rutherfordtitan.com))

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Choice of leading U.S. laboratories



**FBI**



(<https://www.rutherfordtitan.com/content/uploads/10l-liquid-nitrogen-generator-for-labsl.pdf>)

# Produce the LN2 You Need at The Best Cost

Traditional nitrogen delivery services charge premium rates and often impose delays, shortages, hidden fees, and delivery costs.





LESS COST

# Pay 13 Cents Per Liter

With lower operational expenses and no delivery fees, you saves thousands annually.

LEARN MORE  
([HTTPS://WWW.RUTHERFORDT  
NITROGEN-  
GENERATORS/LIQUID-  
NITROGEN-PRICE-  
USA/](https://www.rutherford.com/nitrogen-generators/liquid-nitrogen-price-usa/))

MORE FREEDOM

# Always Available Supply

Our system comes with a 55L storage capacity so you always have a backup supply.

FREE LN2 SUPPLY  
AUDIT  
([HTTPS://WWW.RUTHERFORDT  
NITROGEN-  
GENERATORS/LIQUID-  
NITROGEN-PRICE-  
USA/FREE-SUPPLY-  
AUDIT/](https://www.rutherford.com/nitrogen-generators/liquid-nitrogen-price-usa/free-supply-audit/))

# American Engineering

Smart Technology. Continuous Performance. Guaranteed Reliability.

The Titan 10 liquid nitrogen generator provides a dependable, efficient, and fully automated on-site cryogenic solution. With its compact design, low energy usage, and minimal cooling water requirements, the Titan1 stands out as one of the most advanced and

**Rutherford & Titan (<https://www.rutherfordtitan.com>)**

**SOLUTIONS**

**CLIENTS & APPLICATIONS ([HTTPS://RUTHERFORDTITAN.COM/CASE-STUDIES/](https://RUTHERFORDTITAN.COM/CASE-STUDIES/))**

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**CALL (281) 940-3597  
(TEL:+12819403597)**

## **Effortless operation**

Simply connect the unit to power and press start. The system automatically begins producing liquid nitrogen as needed, with an intelligent level-sensing system that controls production by starting and stopping output as required.

Equipped with an integrated Pressure Boost system, the Titan 10 increases liquid nitrogen yield without additional power or cooling water. Combined with its 'No Loss' pressure maintenance feature, it delivers maximum efficiency

— setting a new standard for smart, high-performance liquid nitrogen generation.



## FlowSync™ Technology

AN INTELLIGENT CONTROL SYSTEM THAT CONTINUOUSLY MONITORS INTERNAL LN<sub>2</sub> STORAGE LEVELS AND AUTOMATICALLY ADJUSTS PRODUCTION. LN<sub>2</sub> GENERATION ONLY OCCURS WHEN STORAGE DROPS BELOW A SET THRESHOLD, ENSURING OPTIMAL EFFICIENCY, REDUCED ENERGY CONSUMPTION, AND EXTENDED COMPONENT LIFESPAN.

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## 1-Year Warranty

COMPREHENSIVE WARRANTY COVERAGE INCLUDES ALL PARTS, LABOR, AND TECHNICAL SUPPORT FOR 12 MONTHS FROM THE DATE OF INSTALLATION. OUR U.S.-BASED SERVICE TEAM PROVIDES DIRECT ASSISTANCE, REMOTE DIAGNOSTICS, AND RAPID REPLACEMENT OF ANY DEFECTIVE COMPONENTS.

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## SmartConnect™ Monitoring

BUILT-IN REMOTE ACCESS CAPABILITY ALLOWS AUTHORIZED ENGINEERS TO MONITOR AND DIAGNOSE SYSTEM PERFORMANCE IN REAL TIME VIA WI-FI OR ETHERNET. THIS ENABLES PREDICTIVE MAINTENANCE, QUICK TROUBLESHOOTING, AND MINIMIZED DOWNTIME — ALL WITHOUT REQUIRING ON-SITE SERVICE CALLS.

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# Product Specifications

For technical questions, please [contact our team](https://www.rutherfordtitan.com/contact/) (<https://www.rutherfordtitan.com/contact/>).

## Features

### PRODUCTION CAPACITY

10L/Day

### STORAGE TANK

55L

### PURITY

Greater than 99%

### DIMENSIONS

63" H x 25" D x 36"W

### WEIGHT

450 lbs

### NOISE LEVEL

60–65 dBA (at 2 ft)

### MOBILITY

Yes, equipped with rollers

### CONNECTIVITY

Wi-Fi / Ethernet

### CONNECTIVITY

Wi-Fi / Ethernet

### FLOWSYNC

Included

**SMARTCONNECT**

Included

**WARRANTY**

1-year

## Cooling

**SYSTEM**

Air cooled

**AIR COMPRESSOR OUTPUT**

1.7 CFM

## Electrical

**POWER SUPPLY**

120V-60Hz | 20 Amps

**POWER CONSUMPTION**

2.2 kW/H

**MACHINE HEAT OUTPUT**

3 kW



(<https://www.rutherfordtitan.com/content/uploads/Titan-10L-4.png>)



(<https://www.rutherfordtitan.com/content/uploads/Titan-10L.png>)



(<https://www.rutherfordtitan.com/content/uploads/Titan-10L-2.png>)

# Our Markets

We design and manufacture compact liquid nitrogen generators for a wide range of industries. Our systems deliver reliable, on-demand nitrogen right where it's needed.



## Laboratory

Contact us



## Industry

Contact us



# Rutherford Titan

RT is American industrial gas solution provider based in Washington State. We specialize in the production, transfer, and store of industrial gases.

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MANAGER @ IVF MICHIGAN  
★★★★★

Such an easy system to use, and we  
save about \$35K a year from using it.



NAWFEL OUSSEDIK - CEO  
@CRYOCHAMBERS.COM  
★★★★★

RT team is highly knowledgeable  
about the cryo market and cryo  
applications in general.

## Rutherford & Titan

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RT is American industrial gas solution provider based in Washington State. We specialize in the production, transfer, and store of industrial gases.

FOLLOW US



## Ln2 Generators

On-Site LN2 Generators (<https://category>)

The true cost of LN2 in the USA (<https://www.rutherford.com/nitrogen-generator-price-usa/>)

Why invest in LN2 nitrogen generators (<https://v>)

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## Useful Links

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