

# Laboratory Gas Generator (N<sub>2</sub>, H<sub>2</sub>, Air)

This gas generator produces nitrogen, hydrogen, and air. It features a compact design, simple operation, and internal multi-stage protection, suitable for supplying stable, high-quality gases for gas chromatography.



## ADDITIONAL IMAGES



## Overview

### Laboratory Gas Generator

This laboratory gas generator provides a reliable, all-in-one solution for generating high-purity Nitrogen, Hydrogen, and Air. Designed to replace high-pressure cylinders, it improves laboratory safety and efficiency while offering easy operation with stable output pressures. The unit is built for continuous, long-term use and features advanced multistage protection for enhanced reliability in analytical environments.

## Key Features

### Operational Advantages

- Replaces high-pressure gas cylinders for a safer lab environment
- Continuous operation capability for long-term experiments
- Simple maintenance: requires only distilled water, no electrolyte solutes
- Equipped with multistage protection devices for safety
- Integrated flow display for real-time monitoring

## Performance

### Monitoring Parameters

- N<sub>2</sub> Pressure
- H<sub>2</sub> Pressure
- Air Pressure
- N<sub>2</sub> Flow Rate
- H<sub>2</sub> Flow Rate
- Air Flow Rate

### Supported Gases

Nitrogen (N<sub>2</sub>), Hydrogen (H<sub>2</sub>), Air

## Design

### Construction

Robust Metal Enclosure • Ventilated Design • Front Access Door