

The **NPS10** and **NPA10** series are modular nitrogen generators designed for laboratories.

Pressure swing adsorption (**PSA**) technology and efficient filtration system, can be stable and continuous output of high quality nitrogen, **up to 99.999% purity**.

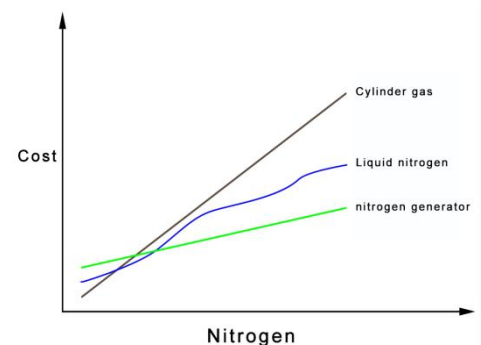
Compact design, small footprint, more space saving

Equipped with advanced intelligent integrated control system, touch screen operation is easier; **NPA10 with built-in air compressor (NPS optional)**, no need to connect to an external air source, more convenient use.



## Key Features

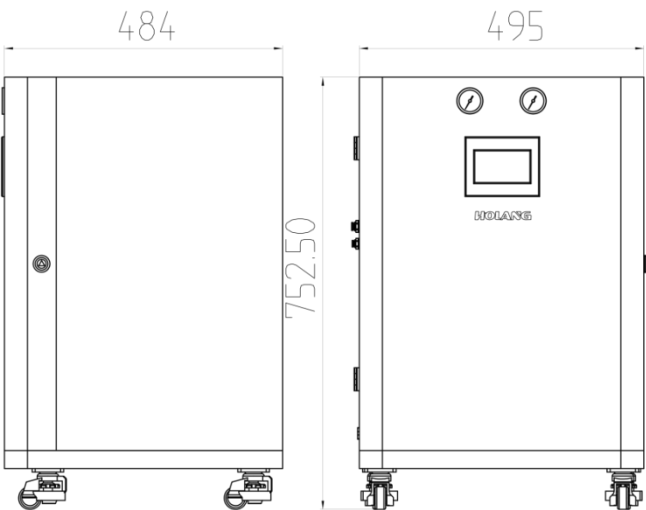
- ✓ **The nitrogen purity can be adjusted**  
95%-99.999% nitrogen purity can be selected on demand
- ✓ **Low cost of nitrogen**  
On-site nitrogen production, out of the box, provides a continuous, efficient and economical source of nitrogen, avoid recharging and shipping costs; Reduce long-term operating costs by avoiding dependence on external suppliers.
- ✓ **High degree of automation**  
Touch-screen motion intelligent control operation panel, easy to operate.
- ✓ **Small footprint, save more space**
- ✓ **Extensible design, easy to expand and maintain**  
Independent module, easy to extract, easy to replace, does not affect the performance of the equipment after replacement, operation and maintenance costs are reduced;  
Maximum use of easy disassembly connection technology, later troubleshooting is easy.
- ✓ **Safety, energy saving and high efficiency**  
Can effectively avoid high pressure gas cylinder, low pressure liquid nitrogen storage tank and other safety hazards;  
Closed-loop monitoring of inlet and outlet gas pressure, flow rate and purity, abnormal alarm function, and mechanical safety valve to ensure safe use; The equipment is equipped with an energy saving mode, which can adjust and set the purity and flow rate of nitrogen as required



## Technical Specifications

Model	NPS10
Technology	PSA
Nitrogen flow	10~45L/min
Nitrogen Purity	96~99.999%
Nitrogen outlet pressure	6~9bar ( 87~131psi)
Operating Temperature	5~40℃ (41~105°F)
Max Altitude	≤2000m
Noise Level	59±3dB@1m
Size (LxWxH)	484x495x753mm (19.1x19.5x29.6")
Weight	70kg (154lbs)
Supply voltage	210~240V, 50/60Hz
Power	100W
Specification	ISO9001: 2015, CE
Options	① Intelligent cloud platform, mobile online control and monitoring
	② Maintenance reminder
	③ Built-in air compressor

Note: The index parameters refer to the working condition of 20-25℃, working pressure 0.7MPa, relative humidity 0%, if the working condition deviates, the parameters must be corrected, please contact Holang consultation!



For more information, please contact us!

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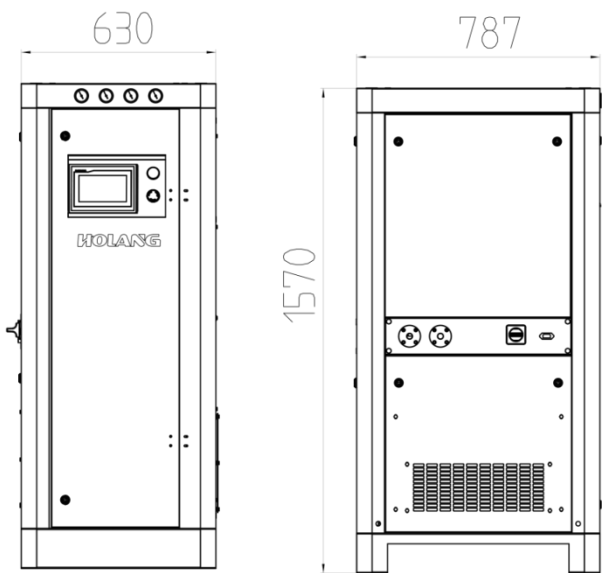


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## Technical Specifications

Model	NPA10
Technology	PSA
Nitrogen flow	10~45L/min
Nitrogen Purity	96~99.999%
Nitrogen outlet pressure	6bar (87psi)
Operating Temperature	5~40℃ (41~105°F)
Max Altitude	≤2000m
Noise Level	59±3dB@1m
Size (LxWxH)	787x630x1570mm (31x24.8x61.8")
Weight	198kg (435.6lbs)
Supply voltage	210~240V, 50/60Hz
Power	2.5kW
Air compressor	Built-in
Options	① Intelligent cloud platform, mobile online control and monitoring ② Maintenance reminder ③ Equipped with moving wheel
Specification	ISO9001: 2015, CE

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