

About 3 IN 1 NITROGEN GENERATOR

- No need to purchase additional cold dryers or air compressors. Compared with other nitrogen generators: Higher stability, small size, no installation required, just press the start switch, easy to operate



- Low power consumption, product costs are lower.

Special nitrogen generator for laser welding:

- The nitrogen works for 10 hours and is provided for two laser welders.
- The nitrogen purity of the nitrogen generator is 99.99% which is higher than ordinary nitrogen bottles.
- No manual replacement is required, which costs manual time.

Nitrogen Machine Welding Effect Display



Technical Parameters

Stainless Steel		Galvanized Sheet		Aluminum Alloy	
Specification	2m³	2m³	2m³	3m³	4m³
Model	DNG-059 / DNG-060	DNG-058	DNG-057	DNG-061	DNG-062
Nitrogen Production	2m³ /h	2m³ /h	2m³ /h	3m³ /h	4m³ /h
Nitrogen purity/%	99.99/99.999	99.99/99.999	99.99/99.999	99.99/99.999	99.99/99.999
Power Supply	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz
Power	3.6KW	100W	15W	15W	65W
Automatic Start And Stop	Standard configuration				
Configuration	No need for cold dryer or air compressor	need air compressor	need for cold dryer and air compressor	need for cold dryer and air compressor	need for cold dryer and air compressor
Appearance Size	111*63*112	111*63*112	52x43x100	60*56*100	72*60*100
Weight	228KG	168KG	62KG	71KG	86KG
Air Intake Pressure	≥0.65≤0.8Mpa	≥0.65≤0.8Mpa	≥0.65≤0.8Mpa	≥0.65≤0.8Mpa	≥0.65≤0.8Mpa
Nitrogen Production Pressure	≥0.55≤0.7Mpa	≥0.55≤0.7Mpa	≥0.55≤0.7Mpa	≥0.55≤0.7Mpa	≥0.55≤0.7Mpa
Recommendations For Adapting Welding Machines	2 laser handheld welding	2 laser handheld welding	2 laser handheld welding	3 laser handheld welding	4 laser handheld welding
Compared to other models. Advantages of SG-Z059: No installation required, simple operation, no need to equip air compressor and cold dryer to produce nitrogen.					
The disadvantage of SG-Z059 is that it has wearing parts. Motor parts need to be replaced every 2-3 months. The wearing parts of other models should be replaced once a year. If the customer's factory has an air compressor, it is more suitable to buy SG-Z058					
Special nitrogen generator for cutting machines, please consult					
Our machines only consume 30KW of electricity a day. And it drives two laser handheld welders at the same time. Very economical, convenient and safe					

DNG-058

An additional aircompressor are required to enable the nitrogen generator to produce nitrogen.

Nitrogen purity: 99.999%

Input pressure: 8Bar

Output pressure: 7Bar

Power: 75W (Power is the cost per hour to produce nitrogen)

2m³/h, Can connect 2 laser handheldwelders at the same time

1m³/h, Can connect 1 laserhandheldwelders at the same time



DNG-060

No need to configure a cold dryer and air compressor. Nitogen gas is generated directly when the machine is t urned on.

Nitrogen purity: 99.999%

Input pressure: 8Bar

Output pressure: 7Bar

Power: 3600W (Power is the cost per hour to produce nitrogen)

2m³/h, Can connect 2 laser handheldwelders at the same time

1m³/h, Can connect 1 laserhandheldwelders at the same time



DNG-057

An additional cold dryer and aircompressor are required to enable the nitrogen generator to produce nitrogen.

Nitrogen purity: 99.999%

Input Pressure: 8 Bar

Output Pressure: 7 Bar

Power: 15W (Power is the cost per hour to produce nitrogen)

2m³/h, Can connect 2 laser handheld welders at the same time

1m³/h, Can connect 1 laser handheld welders at the same time



DNG-059

No need to configure a cold dryer and air compressor. Nitrogen gas is generated directly when the machine is turned on.

Nitrogen purity: 99.999%

Input pressure: 8 Bar

Output pressure: 7 Bar

Power: 3600W (Power is the cost per hour to produce nitrogen)

2m³/h, Can connect 2 laser handheld welders at the same time

1m³/h, Can connect 1 laser handheld welders at the same time

