

# JBC

[www.jbctools.com](http://www.jbctools.com)

## INSTRUCTION MANUAL



### GN

Nitrogen Generator Module

This manual corresponds to the following reference:

GN-A

## Packing List

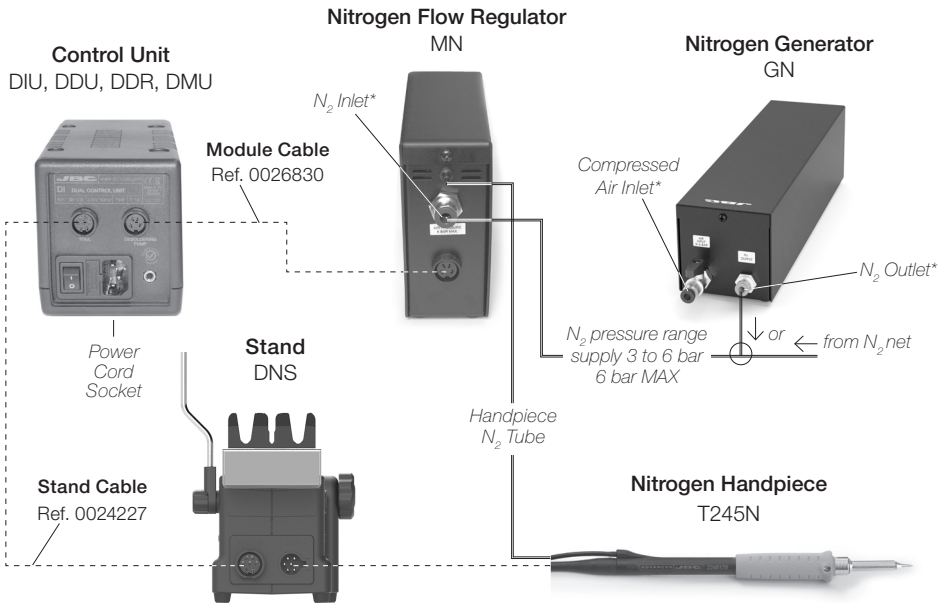
The following items are included:



**Nitrogen Generator Module** ..... 1 unit

**Manual** ..... 1 unit  
Ref. 0027079

## Connection



———— Nitrogen Gas Circuit

----- Electric Circuit

\* Compatible with hose diameter 6 mm / 0.236 in

## Description

GN is a Nitrogen Generator Module. Nitrogen gas ( $N_2$ ) simply obtained from compressed air through action of high-performance separator membrane.

Features of the compressed air:

- Dry air and without oil
- Water filter of at least  $0,01\mu m$
- Particles filter of at least  $0,3\mu m$



The gas concentration and gas flow  $N_2$  generated, depends on the inlet pressure

	Concentration $N_2$ (%)						
	99,9% *	99,5%	99%	98%	97%	96%	95%
Pressure (bar)	Gas flow $N_2$ (NL/min)						
6	0,35	0,73	1,00	1,37	1,83	2,33	2,67
5	0,27	0,57	0,80	1,13	1,45	1,67	2,00
4	0,18	0,43	0,58	0,82	1,03	1,28	1,52

\* Compatible with hose diameter 6 mm / 0.236 in

# Specifications

- |   |  |
|---|--|
| - Ambient Operating Temperature:                    | 10 - 50 °C / 50 - 122 °F   |
| - Compressed Air Pressure:                          | 4 - 6 bar  |
| - Compressed Air Inlet / N <sub>2</sub> Outlet:     | Hose diameter 6 mm / 0.236 in                                    |
| - Gas Concentration:                                | Up to 99%  |
| - Concentrated N <sub>2</sub> Gas Flow:             | 1 - 2 SLPM   |
| - Modul Dimensions:<br>(L x W x H)                  | 85 x 90 x 355 mm<br>3.35 x 3.54 x 13.98 in                       |
| - Total Net Weight:                                 | 2 kg / 4.41 lb   |
| - Total Package Dimensions / Weight:<br>(L x W x H) | 368 x 368 x 125 mm / 2.6 kg<br>14.49 x 14.49 x 4.92 in / 5.73 lb |

Complies with CE standards.  
ESD protected.

## JBC

### Warranty

JBC's 2 year warranty covers this equipment against all manufacturing defects, including the replacement of defective parts and labour.

Warranty does not cover product wear or misuse.

In order for the warranty to be valid, equipment must be returned, postage paid, to the dealer where it was purchased.



This product should not be thrown in the garbage.

In accordance with the European directive 2012/19/EU, electronic equipment at the end of its life must be collected and returned to an authorized recycling facility.

