

TN Series

# Microcomputer Controlled Mini Nitrogen Generator (Mini N<sup>2</sup>PSA)

Built-in oil free mini-compressor & oxygen concentration sensor

Improves high purity performance!

## Features

- First in the industry! Microcomputer control & LCD display

\* System status is displayed on LCD



The purity of the nitrogen gas and accumulated operating time is monitored during operation, and is displayed on an LCD (indicator). When any abnormality with the purity or a

trouble occurs in the compressor, the cause is displayed on the indicator.

\* The system will stop when a compressor trouble occurs.

\* If an abnormality alarm output is required for the purity, please specify at the time of ordering.

- Designed for Low Noise and Long Life

An oil free compressor (1 to 4 compressors) with low noise and long life achievements is installed in the system, and by a construction with a high soundproofing effect, the system can be used in quiet rooms.

Since the system has a built-in water evaporator and is compact and light weight, it can be placed anywhere.

- Out of Application Range for Class II Pressure Vessels

Since the system is out of the application range for pressure vessels, the system can be used overseas with a built-in transformer (optional).



**TN3-10**

No. 1 performance in industry! 20% increase in the amount of generation with a high purity generator (99.99%)!

Model	Purity %	Amount Generated NL/min ( )60Hz	Dispense Pressure MPa ( )60Hz	Dimensions W×D×H mm	Power Supply Voltage	Power Consumption	Weight kg	
TN2-06-1 (2)	99	11.0 (12.5)	0.35 (0.4)	400 × 460 × 850 (Casters not included)	Last Digit of Model: 1 Single Phase AC100 /110V	0.4Kw	58	
TN3-05-1 (2)	99.9	8.2 (9.3)	0.38 (0.43)					
TN4-03-1 (2)	99.99	5.4 (6.0)	0.45 (0.5)					
TN2-13-1 (2)	99	22.5 (26.0)	0.35 (0.4)	480 × 620 × 950 (Casters not included)	Last Digit of Model: 2 Single Phase AC200 /220V 50/60Hz	0.8Kw	96	
TN3-10-1 (2)	99.9	16.5 (18.7)	0.38 (0.43)					
TN4-06-1 (2)	99.99	10.8 (12.0)	0.45 (0.5)					
TN2-20-2	99	33.7 (38.5)	0.35 (0.4)	600 × 650 × 1,300 (Casters not included)	Single Phase AC200 /220V 50/60Hz	1.2Kw	120	
TN3-15-2	99.9	24.7 (28.6)	0.38 (0.43)					
TN4-09-2	99.99	16.2 (18.6)	0.45 (0.5)					
TN2-27-2	99	45.0 (52.0)	0.35 (0.4)			1.6Kw		140
TN3-20-2	99.9	33.0 (38.0)	0.37 (0.42)					
TN4-12-2	99.99	21.5 (24.5)	0.42 (0.47)					

\*1. The above performances are reference values at an environmental temperature of 20°C.

\*2. Due to improvements and modifications, the specifications of the system may change without notice.



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