

# TNH Series (Performance improvement & Updated Control)

## Micro-computer controlled Nitrogen gas generator with built in oil free compressor

Updated easy to use control, increased discharge amount / pressure, the best performance in the industry.

### Increased discharge amount / pressure

Adopt low noise and long life oil free compressor from Japanese manufacturer, flow rate performance increased in 10 to 20% and discharge pressure highly increased!

More over, a standard feature of constant flow regulating valve avoids the influence of pressure change from secondary side.

Built in water drain gasification device allows installation location wherever you want.

\*Optional integrated electronic pressure switch correspond to N2 tank pressure detection automatic operation.

### Updated micro computer control circuit

More informative 4 digit LCD display.

Precise flow rate / N2 purity (contained oxygen level) displayed by integrated electric flow meter & oxymeter without an influence from discharge pressure.

#### Informative LCD display

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LOCAL MODE: DRIVING
N2 LEVEL DOWN: SUPPLY
O2 DENSITY: 0346 PPM
MASS FLOW: 0020 NL
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#### Operation mode

(local, remote, pressure operation, etc.)

Operation time, Oxygen level, flow rate display

Purity decrease alert, compressor trouble

\*Various information displayed on the LCD

### Customized specification available

High purity (O2 purity 10ppm or lower) and / or high pressure (MAX 0.7MPa) is available. Please do not hesitate to consult us.

### Specification list



TNH4-30M6-2

Model number, Flow rate(NL/min), purity, discharge pressure								Dimensions (W × D × H)	Source voltage	Power consump- tion	Weight Kg
50HZ				60HZ							
型式	流量 (NL)	純度 (%)	圧力 (MPa)	型式	流量 (NL)	純度 (%)	圧力 (MPa)				
TNH2-12M5-※	12	99	0.40	TNH2-14M6-※	14	99	0.47	400 × 500 × 850	Tailing model number:1 single phase AC 100V/110	0.4KW	60
TNH3-09M5-※	9	99.9	0.45	TNH3-11M6-※	11	99.9	0.47				
TNH4-06M5-※	6	99.99	0.50	TNH4-07M6-※	7.5	99.99	0.55				
TNH2-24M5-※	24	99	0.40	TNH2-27M6-※	27	99	0.47	480 × 640 × 950	Tailing model number:2 single phase AC 200V/220V	0.8KW	95
TNH3-18M5-※	18	99.9	0.45	TNH3-21M6-※	21	99.9	0.47				
TNH4-12M5-※	12	99.99	0.50	TNH4-15M6-※	15	99.99	0.55				
TNH2-37M5-2	37	99	0.43	TNH2-41M6-2	41	99	0.47	600 × 680 × 1,350	single phase AC 200V/220V	1.2KW	200
TNH3-28M5-2	28	99.9	0.47	TNH3-32M6-2	32	99.9	0.50				
TNH4-19M5-2	19	99.99	0.50	TNH4-22M6-2	22	99.99	0.55				
TNH2-49M5-2	49	99	0.40	TNH2-55M6-2	55	99	0.45			1.6KW	220
TNH3-36M5-2	36	99.9	0.45	TNH3-43M6-2	43	99.9	0.48				
TNH4-25M5-2	25	99.99	0.50	TNH4-30M6-2	30	99.99	0.53				

\*Specification in this document is subject to change without notice due to improvement.



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