

# GASSING SYSTEM

- Carbon Dioxide Gassing System(C type)
- Nitrogen Gassing System(N type)
- Available in 2 types Gas (Mix Steam and Nitrogen,Nitrogen) Gassing System(SN type)
- Available in 3 types Gas (Mix Steam and Nitrogen,Nitrogen, Carbon Dioxide) Gassing System(SNC type)



## Overview of GASSING SYSTEM

This equipment supplies residual air displacement gas in the beverage container headspace. By blowing gas adjusted according to the purpose of use into the headspace while attaching can lids and caps, the oxygen inside the container is removed, preventing the contents from oxidizing and preserving the quality.

In addition, the degree of vacuum in the can is adjusted by blowing steam or steam + nitrogen mixed gas adjusted according to the purpose. (※ 1)。

## Feature

### ● Optimal specifications for all cans and beverage containers

From simple equipment that supplies only one type of gas (C type, N type) to fully automatic multi-type equipment (SNC type) that automatically supplies several types of gas either singly or by mixing them, we have the optimal equipment for your filling line.

### ● Compact size

The "steam control section," "gas control section," and "control panel" are integrated into the device to achieve compactness. Since it can be installed in a narrow filling room.

### ● Stable supply of steam by multi-stage decompression

Steam, which is easily affected by room temperature and has large pressure fluctuations at the supply source, is stably supplied by multi-stage pressure reduction.

### ● Uses high-precision mass flow meter

A high-precision mass flow meter is used to measure carbon dioxide and nitrogen.

### ● Simple and optimal control method

Fully automatic type (-A type) automatically adjusts 'mixing temperature' and 'gas flow rate' simply by selecting an arbitrary product type. There is no need for a pressure reducing valve or flow rate adjustment.

Semi-automatic type (-SA type) manually adjusts the "gas flow rate" and automatically adjusts the "mixing temperature".

Manual type (-M type) manually adjusts the "mixing temperature" and "gas flow rate".

# GASSING SYSTEM

## ● Large number of product types(※ 2)

Approximately 50 types of product can be registered as standard. Since each set value can be registered for each beverage type and capacity, adjustment before manufacturing is not required. In addition to local product selection, remote automatic selection is also possible.

## ● Safe management with good visibility(※ 2)

All necessary information such as "temperature", "flow rate", "pressure", "valve open/close status" and "alarm" of the supplied gas are displayed on the touch panel. The device is easy to monitor.

## ● Lots of extra options

There are many options such as multiple supply of bubble breaker gas, water supply for seamer cleaning, control panel separated type, sanitary specifications, various communication specifications, etc.

## List of standard specification

Model	C-M	C-A	N-M	N-A	SN-M	SN-SA	SN-A	SNC-M	SNC-SA	SNC-A
Supply gas	Carbon dioxide		Nitrogen		Nitrogen Mix Steam and Nitrogen			Carbon dioxide, Nitrogen Mix Steam and Nitrogen		
Control method	Manual	Auto	Manual	Auto	Manual	Semi Auto	Auto	Manual	Semi Auto	Auto
Temp stability	/				△	○	○	△	○	○
Gas flow stability	△	○	△	○	△	△	○	△	△	○
Number of preset	1	50~	1	50~	1	1	50~	1	1	50~
Optional function	×	○	×	○	×	△	○	×	△	○
Size (mm)	W	700×	1000×	700×	1000×	1200×	1400×	1000×	1100×	1500×
	D	400×	600×	400×	600×	500×	600×	500×	600×	600×
	H	1800	1800	1800	1800	1800	1800	1800	1800	1800
Weight(Kg)	80Kg	100Kg	80Kg	100Kg	120Kg	160Kg	180Kg	140Kg	180Kg	200Kg
Power consumption	2P,AC100V,Max 0.8KVA				2P,AC100V,Max 1.0KVA			2P,AC100V,Max 1.0KVA		
Steam	/				60Kg/h(0.6~0.8Mpa)			60Kg/h(0.6~0.8Mpa)		
Carbon dioxide	1500NL/m (0.6~0.8MPa)		/		/			1200NL/m (0.6~0.8MPa)		1500NL/m
	/		1500NL/m (0.6~0.8MPa)		1000NL/m (0.6~0.8MPa)			1500NL/m (0.6~0.8MPa)		1200NL/m
Nitrogen	/		1500NL/m (0.6~0.8MPa)		1000NL/m (0.6~0.8MPa)			1500NL/m (0.6~0.8MPa)		1200NL/m
	/		/		/			/		/
Instrument air	20NL/m	40NL/m	20NL/m	40NL/m	30NL/m	40NL/m	60NL/m	30NL/m	40NL/m	60NL/m
	(0.5~0.8MPa)									

※ 1 : Standard on "-A type", optional on "-M type" and "-SA type".

※ 2 : Touch panel option needs to be added to "-A type".

※Each screen is for printing, so the display may be partially different on the actual equipment. Subject to change without notice for functional improvement.

株式会社レゾナック・ガスプロダクツ  
Resonac Gas Products Corporation

Industrial Materials Dept.  
7-1,Ogi-machi,Kawasaki-ku,Kawasaki-city,Kanagawa,Japan  
URL:<https://www.rgp.resonac.com>  
Phone:+81-44-3337661 Facsimile:+81-44-333-7538