

95--99.9% of high pure nitrogen gas is separated from the air

Highly reliable method using compact gas separation membrane.

For anti-rust of chiller water

Chemicals free water treatment is realized owing to deoxidization anti-rusting. Adopted to chillers under 500L class.

For nitrogen atmosphere

Best for creating nitrogen atmosphere in optical and medical moldings. Adopted to molding machine below 50 tf.

Driven only by compressed air  
Low running cost

Need no power supply.  
Only compressed air at about 0.5 MPa drives the device.

Compact and easy maintenance

Space-saving compact design.  
Long life\* separation membrane saves maintenance labor.

\*1 year under standard condition.

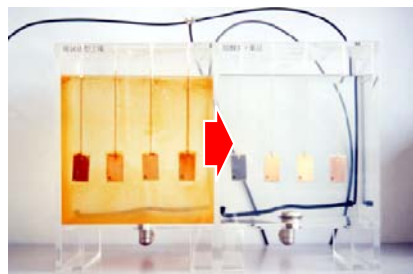
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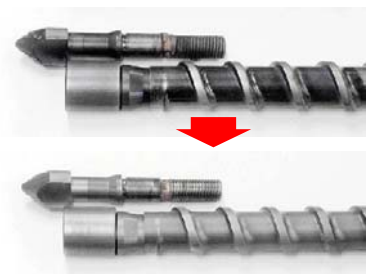
**【 Main specifications 】**

Pressure range of supply air	0.5--1.0 MPa
Temperature range of supply air	5--45 °C
Upper temperature limit of body	80 °C
Compressed air inlet	Finger valve / 10 mm dia.
Nitrogen outlet	Half union / 6 mm dia.
Dimensions	W130 x D90 x H600 mm
Weight	6 kg

**【 Anti-rusting effect of deoxidization 】**  
Metal pieces in water for 7 days



**【 Prevention of carbonization by nitrogen atmosphere 】**  
Comparison of screw carbonation



**【 Variation of production of nitrogen rich gas on purity 】**

Nitrogen purity	99.9%	99%	98%	97%	96%	95%
Production volume (L/min)	0.62	1.60	2.17	2.83	3.50	4.17

\*In case of the pressure of supply air is 0.5 MPa