

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

Highly reliable method using compact gas separation membrane.

Best for nitrogen atmosphere inside cylinder

Nitrogen separator prevents carbonization by eliminating oxygen from cylinder.

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.

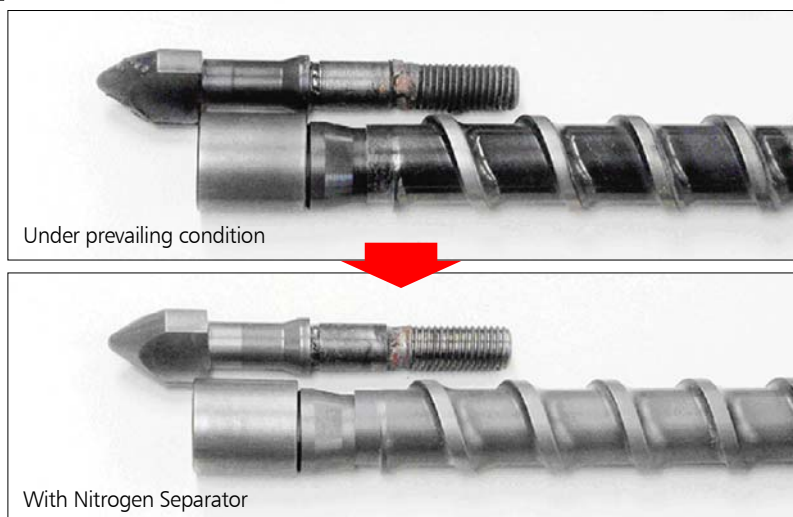


【Main specifications】

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	W220 x D250 x H730 mm
Weight	Type I: 13 kg Type II: 15 kg

*We have Type I and Type II depending on amount of N₂ production

【Comparison of screw carbonation】



【Variation of production of nitrogen rich gas on purity】

Device type	Nitrogen purity and production volume (L/min)					
	99.9%	99%	98%	97%	96%	95%
Type I	1.37	3.83	5.33	6.83	8.33	9.83
Type II	2.74	7.66	10.66	13.66	16.66	19.66

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