

Removal of dissolved oxygen, the main cause of corrosion

Highly reliable method using compact gas separation membrane.

Stable anti-rusting effect in wide temperature range

Adaptable from high temperature water for engineering plastics molding to chiller water.

Environment friendly with small chemical use

Chemical free anti-rusting is available for chiller water. Contributes clean working condition.

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.

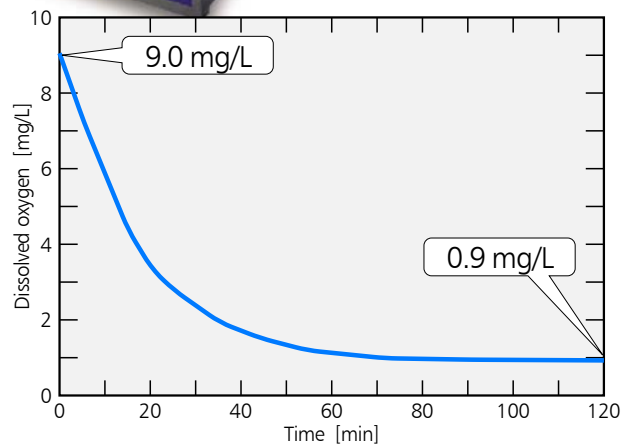
*1 year under standard condition.

Patented No.2804734



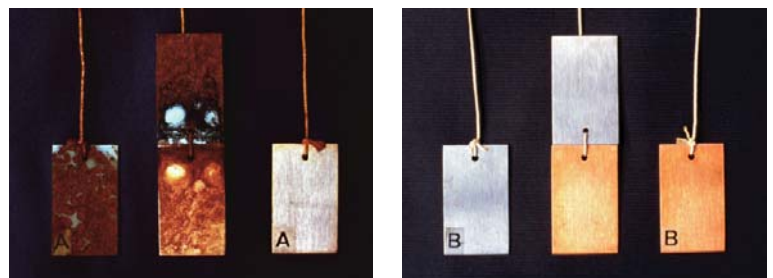
【Main specifications】

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	W240 x D140 x H730 mm
Weight	10 kg



【Actual deoxidization】

Measured decrease in dissolved oxygen in the tank of cooling unit



Untreated

O₂-Free Air

【Examination of anti-rust effect】

Metal piece, iron and copper, soaked in water for 7 days