

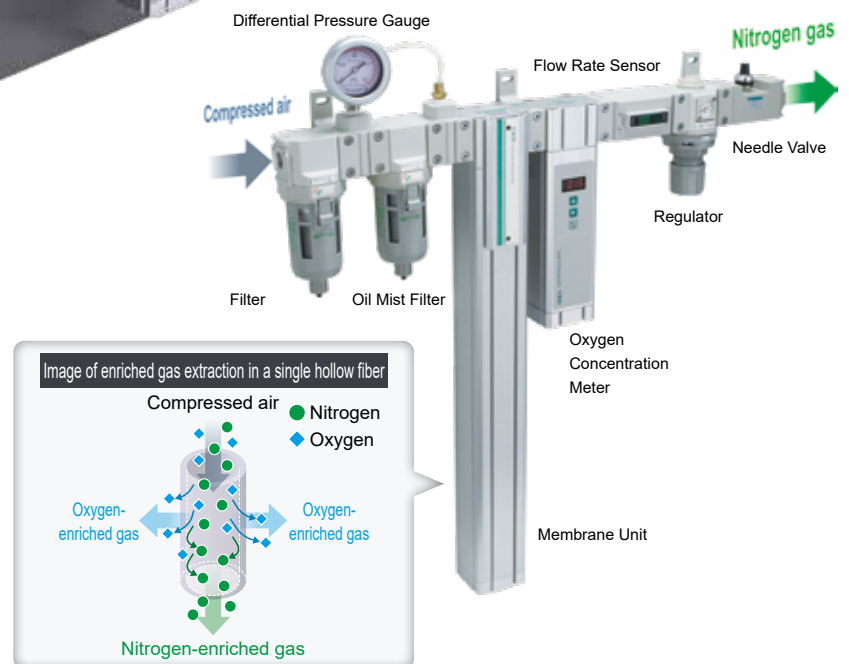
Laser Welding / Bonding

The New Standard for Shielding Gas

Easily extract nitrogen gas from compressed air

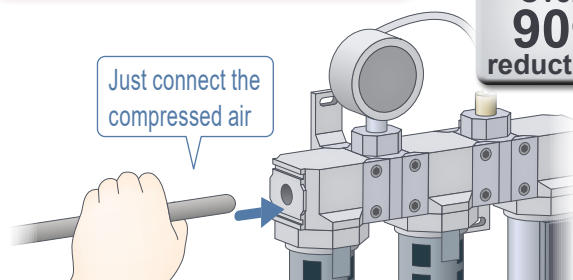


- Extract nitrogen gas from existing compressed air
- Compact design allows for installation near equipment
- Not subject to the High Pressure Gas Safety Act
- Reduces transportation costs and CO2 emissions during transport



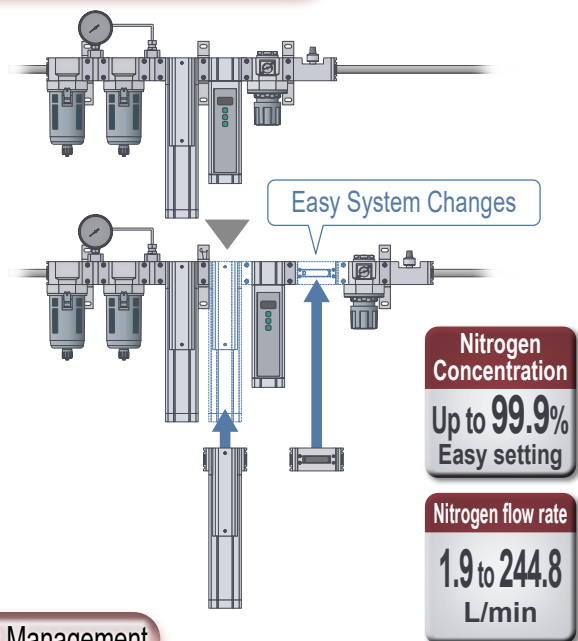
User-friendly

Saves work-hours, piping, and space



Space/Weight
Over
90%
reduction

High Degree of Design Freedom



Easy Management

Oxygen Concentration
Management (via N2 conc.)



Oxygen Concentration Meter

Nitrogen Flow Rate Management



Flow Rate Sensor

Management of Supplied
Compressed Air Quality



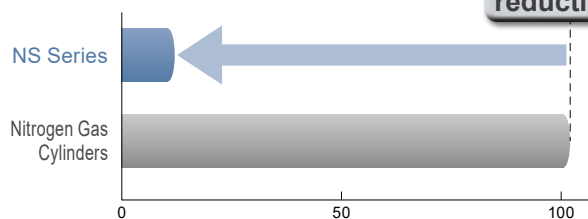
Differential Pressure Gauge

*Necessary equipment can be easily connected with modular connections. Please inquire for details.

Environmentally-friendly

Reduced Running Costs

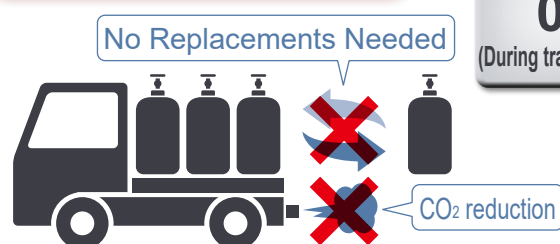
Comparison of Gas Unit Price with Nitrogen Gas Cylinders



*Comparison assuming a gas unit price of 100 for a nitrogen gas cylinder at 99% nitrogen concentration.

Running Costs
Over
90%
reduction

No need to replace or transport tanks



CO₂ Emissions
0
(During transport)

Oxygen concentration under
pressure is now visible

Inline Oxygen Concentration Meter

PNA Series

- Highly durable zirconia type
- Oxygen/inert gas display switchable
- Upper/Lower limit output available
- Analog output available
- With self-diagnosis function



Start with a trial.

Evaluation samples are available.

CKD Corporation

[Website]
<https://www.ckd.co.jp/en/>

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