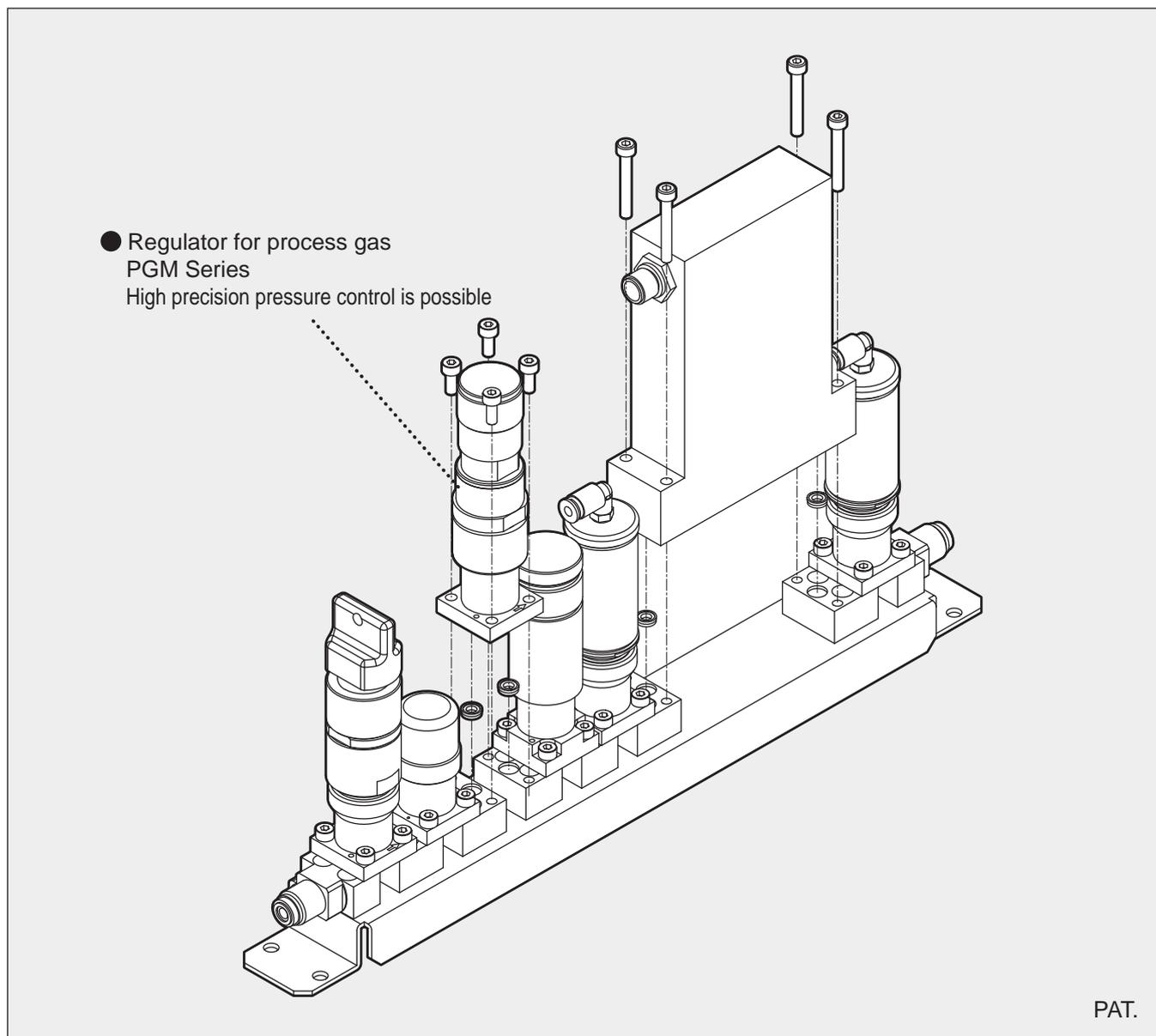


Space saving, Easy maintenance is greatly improved.

Overview

These systems are developed for the gas supply lines of semiconductor manufacturing equipment and compactly integrate SEMI standardized/surface mounted air operated valves and mass flow controllers, etc. In accordance with customer demands, we provide an optimal layout and realize substantial space saving compared to conventional systems composed of welded fittings.



PAT.

Components for process gases

AGD/OGD/
MGD-R Series

LGD Series

High durability

Other valves
for process gas

Regulator

Integrated gas
supply system

Safety precautions

Air operated valve

Manual valve

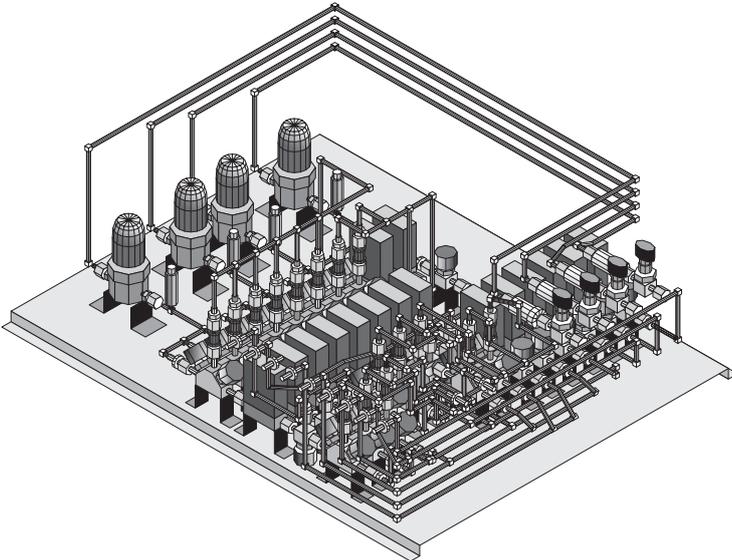
High vacuum components
Vacuum pressure
control valves

Safety precautions

Related products

Features

Existing gas jungle



Reduced footprint

- Footprint 60% compared with conventional models
- Volume 16% compared with conventional models

Improvement of workability

- Parts can be attached and detached in one direction from the top of the component parts
- Simplified heating

Improvement of reliability

- CS seal/W seal used

Improved corrosion resistance(Contamination-free)

- Welding area reduced by more than 80%
By drastically reducing welds, contamination factors are greatly reduced compared to conventional products.

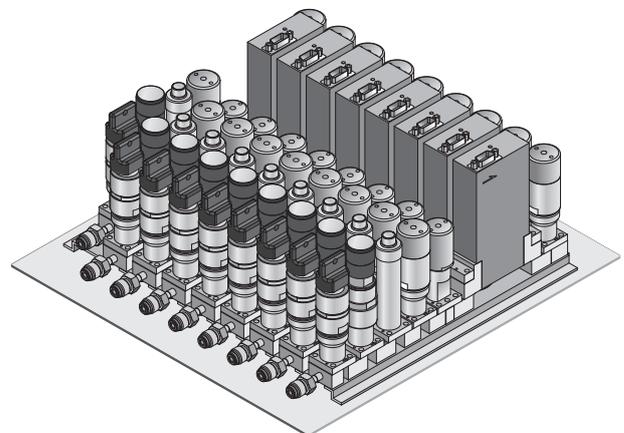
Improvement of replacement characteristics

- Construction of a flow path with an extremely small internal volume and dead volume
- Improved purging

Implementation of standardization

- Implementation of standardization for component parts

Integrated gas supply system



LGD Series

AGD/OGD/
MGD-R Series

High durability

Other valves
for process gas

Regulator

Integrated gas
supply system

Safety precautions

Air operated valve

Manual valve

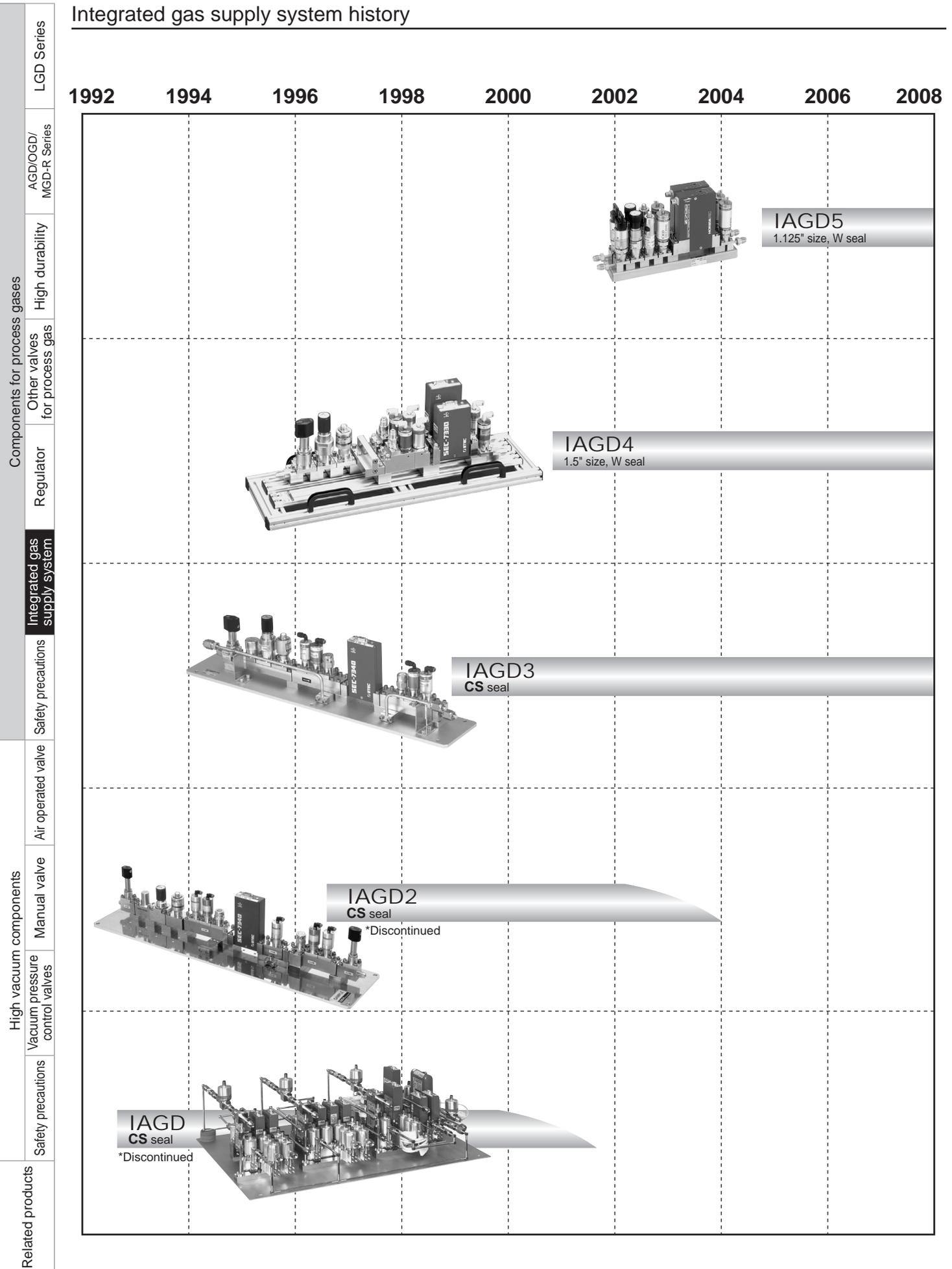
High vacuum components
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Safety precautions

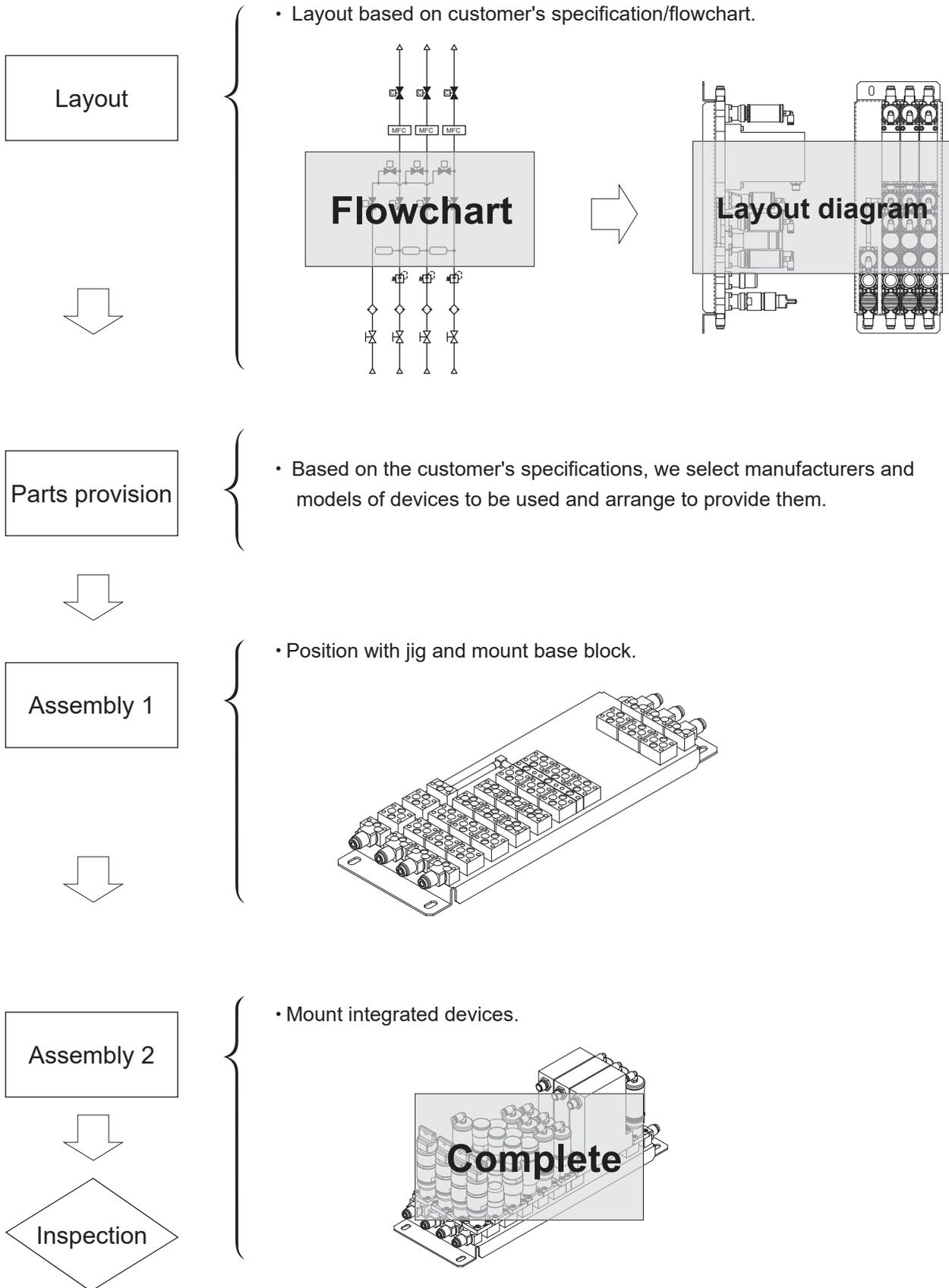
Related products

Integrated Gas System Series

Integrated gas supply system history



Integrated gas supply system production process



LGD Series	AGD/OGD/ MGD-R Series	High durability	Other valves for process gas	Regulator	Integrated gas supply system	Safety precautions	Air operated valve	Manual valve	Vacuum pressure control valves	Safety precautions	Related products
Components for process gases											
High vacuum components											