

Facility requirements for

RSS-110-S/RSS-160-S

Supply of process gases and CDA:

Line # (max. flow)	Device port	Pressure	Gas type	Purity Grade
Line 1 (5 Nlm)	Swagelok 6 mm	2...3 bar	Nitrogen (N ₂) gas	5.0 or higher
Line 2* (2 Nlm)	Swagelok 6 mm	2...3 bar	Nitrogen (N ₂) gas or forming gas (max. 10% H ₂ /N ₂)	5.0 or higher
CDA	6 mm PU tube	4...6 bar	Air or Nitrogen	N/A

Nlm: Norm liter per minute; *: option (available for RSS-160-S only); other max. flow on request

Exhaust of process gases:

Exhaust type	Device port	Flow rate
Gas exhaust	DN 16 KF	2...3 bar
Vacuum valve	DN 16 KF	2...3 bar

Supply of cooling water:

	Device port	Pressure	Water quality
Inlet	8 mm PU tube	5 bar	Demineralized water, no copper particles
Outlet	10 mm PU tube	< 1 bar	

Supply of electric energy:

Countries	Voltage	Amperage RSS-110-S/RSS-160-S	Fuse/circuit breaker
Europe/China	230 V	10 A	Type C
Japan	200 V	6 A/9 A	Type C
Japan	100 V	8 A/12 A	Type C
USA	115 V	10 A/15 A	Type C

All specifications are subject to change.

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