

Water Electrolyzer Test Station

SOEC



Specifications

Item	SE100 - SO	SE300 - SO	SE500 - SO	SE1K - SO	SE5K - SO	SE10K - SO	SE30K - SO
Test Rate	100W	300W	500W	1kW	5kW	10kW	30kW
Station Dimension (mm)	600 X 700 X 1800	700 X 900 X 1800	800 X 1300 X 2000		1000 X 1800 X 2000		Custom
Gas Flow Measure	H ₂ Flow (slpm)	0.3	1	2	5	25	150
	O ₂ Flow (slpm)	0.2	0.5	1	2.5	12	75
	MFM Range	Measuring Range : Turndown 100:1					
N ₂ Purge	Auto N ₂ Purge MFC : Anode, Cathode						
Furnace	Box Furnace, Max 900°C						
Evaporator	Front 2 door full open (Half area open of furnace) or Custom						
Line Heater	DI water supply pump & flow meter(flow control)						
Cell Loading Pressure Control (Option)	Heating Chamber, ~200°C						
Exhausted Gas Cooling (Option)	High temp line(direct gas) heating, max 600°C						
Back Pressure Control (Option)	Auto pressure control Servo Motor control unit, max 1000kgf Pressure loading ceramic pole & load cell unit						
Exhausted Gas Cooling (Option)	Exhausted gas cooling(Air cooling radiator or water cooling heat exchanger)						
Back Pressure Control (Option)	Auto Back Pressure Control, max 3.5bar						

Software



Variable & Usable Testing Programs
Optimizing Multi Function Software

