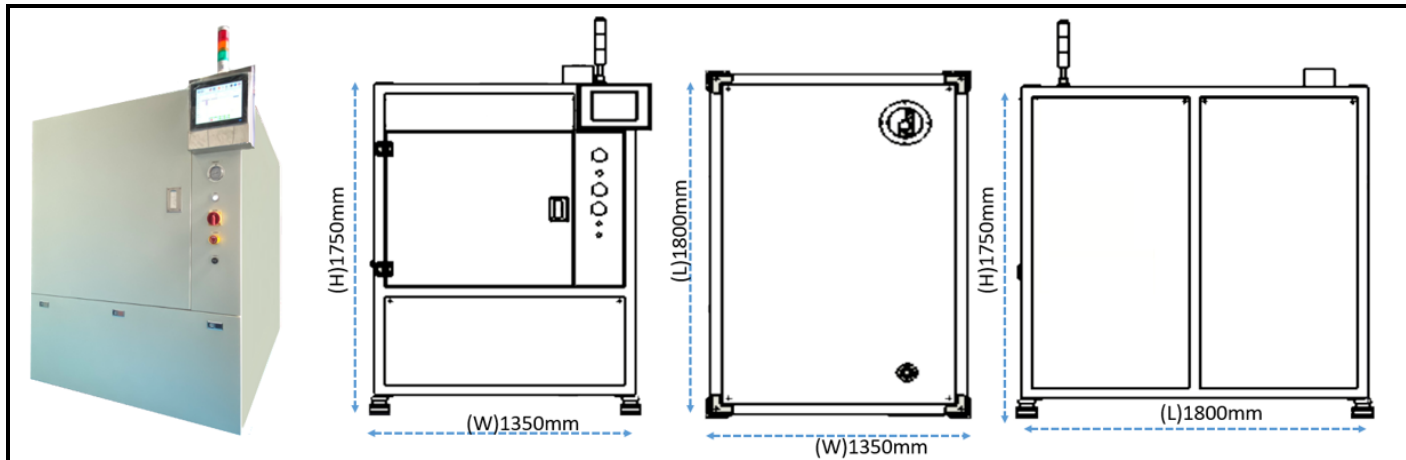


Heller PCO700S Pressure Curing Oven



Standard

Optional

Electric Supply

Power Input (3 Phase) Standard	380V, 60A	220V, 100A
Frequency	50/60 Hz	

Dimensions

Overall Oven Dimensions	1,350mm[W] x 1,800mm[L] x 1,750mm[H]	
Typical Net Weight (Oven)	1000 Kg	

Chamber

Overall Chamber Dimension (usable area)	460mm[W] x 530mm[L] x 460mm[H]	
Chamber Diameter	700mm	
Max. Temp	200°C	
Max. Pressure	8 kgf/cm ² (114 psi)	
Pressure Safety Relief Valve	8.5 Kgf/cm ² (121 psi)	
Chamber Certification	GB (China)	CNS (Taiwan) / ASME (US) / KOSHA (Korea) / RPED (EU) / JIS (Japan)

Temperature Control

Temperature Uniformity	±3°C@ 3-8 kgf/cm ² , w/o loading	
Temperature Range Standard	25°C (RT) - 200°C	
Max. Heating Rate	Max. 5°C @ 5-8 kgf/cm ² , w/o loading	Max. 10°C @ 5-8 kgf/cm ² , w/o loading,
Max. Cooling Rate	Max. 5°C @ 5-8 kgf/cm ² , w/o loading, Cooling Water Temp. 15°C	Max. 10°C @ 5-8 kgf/cm ² , w/o loading, Cooling Water Temp. 15°C

Pressure Control

Pressure Uniformity	± 0.1 kgf/cm ²	
Gas (Body/Chamber)	CDA (Body) + N ₂ (Chamber)	CDA (Body) + CDA (Chamber)
Exhaust	8 kgf/cm ² to 0 kgf/cm ² , <5min	

Vacuum

Min. Vacuum Level	NA	100 torr / 10 torr
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Certification

Machine Certification	Standard Safety Features (Water Tray, Electro-Door Lock, EMO, Exhaust)	Semi S2
Cleanroom Classification	Class 10,000	Class 1000 / Class 100

Additional Features

PC with Touch Panel, Windows	Standard	
6 Point Temperature Monitoring - 1 Main Control Point	Standard	
Booster Cylinder	Standard	
Digital Recorder on PC	Standard	
Oxygen Monitoring with Meter (Down to 10 ppm)		Option
MES Barcode System		Option
Color	White	Stainless Steel

Heller PCO700S Pressure Curing Oven

Facility Requirements

Power	AC 380V, 3 phase, 5 wires, 50-60 Hz, 60A
Water 1	Inlet - 20-25°C, 2-3 kgf/cm ² , 2-10 SLM, Ø 3/4" NPT Female Outlet - Ø 3/4" NPT Female
Water 2	Inlet - 20-25°C, 2-3 kgf/cm ² , 2-10 SLM, Ø 3/4" NPT Female Outlet - Ø 3/4" NPT Female
Facility Air Pressure (CDA)	>5 kgf/cm ² , 200 SLM, Ø 3/4" NPT Female
Nitrogen Inlet Pressure	>5 kgf/cm ² , 200 SLM, Ø 3/4" NPT Female
Exhaust	Ø 6" (SUS#) , 10000 L/min, 200 Pa
Maintenance Space Required	1000mm in front (at least), 700mm on side

A continuous program of product improvement may result in changes to specification and performance.
The right is reserved to institute these improvements without notice or liability.