

Powder & Soil Dryer

PW series

An Horizontal Air Flow Circulation and Variable Air volume
Ideal for drying hydrous powdery materials,
granular materials, and/or soil-containing plant samples



PW-120HM



PW-120HL/HG
(Above trays not included)

Max. temperature 200°C / Possible for Program operation

Since the operating temperature is wide range from room temp. + 10°C to 200°C, it can be used as an incubator or heat treatment device.

In addition, the step operation (up to 8 segments) is available, so thermal history tests can be performed.

Usable for the produce dry powder of agricultural products

Usable for the produce dry powder of agricultural products subject to disposal such as surplus, scratches and nonstandard ones, which enables to reduce food loss.

Major Applications



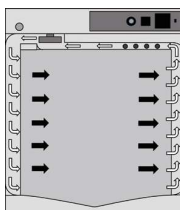
Contribute to the SDGs

Efforts to reduce food loss are being actively pursued as an important issue for the SDGs. PW series can be used as a device to support reproduction, research, and development using waste and agricultural residues generated in agriculture and fishery processing.



Horizontal air circulation suitable for multiple shelves

The wind in the Chamber flows horizontally from left to the right, exerts sufficient drying efficiency when loading of samples in multiple shelves as the wind is not easily blocked.



Equipped with Air Volume Variator

Enables to adjust Air Volume and prevent the sample from splattering.

Washable Inner-Chamber

The perfect seal structure of the inner-Chamber make it possible to wash the inner chamber with water as a whole.



MODEL	PW-120HM	PW-120HL	PW-120HG
Inner dim. WxDxH/ Cap.	530×550×1200mm/350L	730×550×1200mm/480L	930×700×1200mm/780L
Outer dim. WxDxH/Weight	740×810×1850mm/230kg	960×810×1850mm/270kg	1160×960×1850mm/310kg
Temperature range	Room temperature +10°C - 200°C		
Temp. distribution accuracy	±1.5°C (at 70°C), ±2.0°C (at 150°C)*		
Circulating system	Horizontal flow		
Program operation	1 memory, Max. 8 steps		
Door	Single door (left side opening door)	Double doors	
Sensor port	φ48mm, front left side		
Safety devices	Overheat prevention device, Independent overheat prevention device, Sensor/Heater disconnection alarm, Motor overload safety device, Leakage breaker		
Power demand/Current	AC220V/230V/240V, 9/9/9A	AC220V/230V/240V, 10/10/10A	AC220V/230V/240V, 15/14/14A
Shelves (max. load)	4pcs.(20kg/pc.)	4pcs.(20kg/pc.)	4pcs.(20kg/pc.)

●Please specify the voltage when you order. ●Specifications subject to change without notice for improvement.

*Measured at center inside chamber & 3 points upper, middle and lower parts, no load.