

# Air Cooled Dry Vacuum Pump

## PK250/600/1000

Max. pumping speed	250L/min PK250	600L/min PK600	1,000L/min PK1000
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Ultimate pressure 1.0Pa

- Small-Sized dry pump of roots structure.
- A gasket (special fluorine seal) which can cope with corrosive gas is equipped as standard.
- The standard installation of the gas ballast mechanism improves water vapor exhaust performance. (N<sub>2</sub> ballast is optional)
- The non-contact structure of the pumping part provides a clean vacuum environment and eliminates the risk of performance degradation.
- The lineup ranges from small displacement to large displacement, and can be used in various fields from semiconductors to biotechnology.

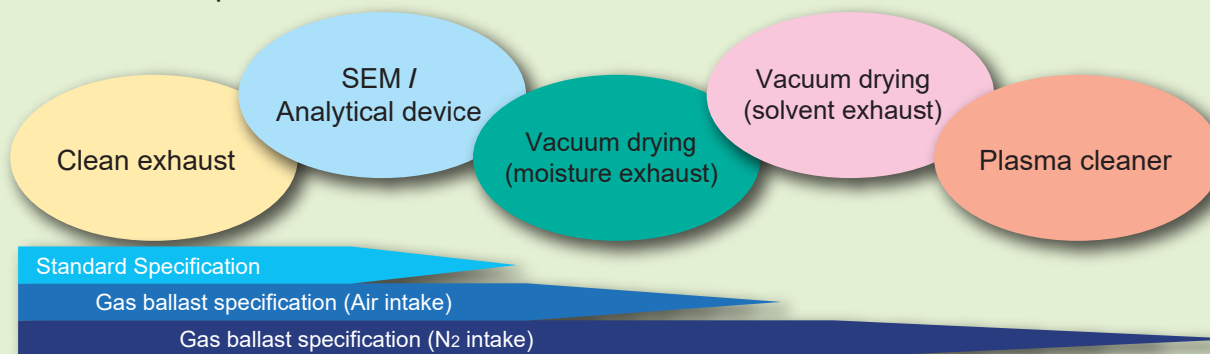


PK250

PK600

PK1000

## Applications and Specifications



## Specifications

Product code	242278	242279	242280	242455	242457	242458	242459	242460
Model	PK250-1	PK250-2	PK250-3	PK600-1	PK600-2	PK600-3	PK1000-2	PK1000-3
Method	Non-contact root-rotors, multi-stage							
Max. pumping speed*1	250L/min			600L/min			1,000L/min	
Ultimate pressure (Gas ballast close)	1.0Pa							
Ultimate pressure (Gas ballast open)	10Pa							
Max. allowable moisture*2	250g/h			350g/h			600g/h	
Rated power output	0.4kW			0.75kW			1.5kW	
Accessories	Silencer, Power cable 2m, Gas ballast valve, PTFE sealing							
Inlet/Outlet size	NW25/NW25			NW40/NW25				
Power source	AC100-120V Single phase	AC200-240V Single phase	AC200-240V Three phase	AC100-120V Single phase	AC200-240V Single phase	AC200-240V Three phase	AC200-240V Single phase	AC200-240V Three phase
External dimensions	W210×L385×H250mm			W298×L475×H275mm			W315×L530×H275mm	
Weight	Approx. 23kg			Approx. 54kg			Approx. 56kg	

\*1 This is the value when the gas ballast mechanism is not used.

\*2 Maximum treatment amount when gas ballast valve (option) is opened.

## Vacuum Pumping Curve

