

Diaphragm Vacuum Pump NVP-1000·2000·2100

Corrosion proof, dry vacuum pump made wholly of Teflon[®], and Karlez[®].



NVP-1000

NVP-2000

NVP-2100

Features

- NVP-1000: 20L/min, 10hPa standard type
NVP-2000: 30L/min, 10hPa large capacity type
NVP-2100: 20L/min, 2hPa high vacuum type suitable for high boiling point sample evaporation.
- Compact, space saving with carrying handle.
- Dry type vacuum pump which does not require water or oil.
- Condenser for solvents recovery is available (Option).
- Suction and exhaust valve are made of Karlez[®] and diaphragm head is made of Teflon[®] (PTFE).
The unit is suitable for exhausting corrosive gases.

System Example



Evaporator
Low temperature circulator
Solvent recovery unit
NVP

Specifications

Product name	Diaphragm Vacuum Pump		
	NVP-1000	NVP-2000	NVP-2100
Model	266009/266002	266019/266012	266029/266022
Cat. No.	266009/266002	266019/266012	266029/266022
Evacuation speed (High·Low)	30L/min·20L/min	40L/min·30L/min	30L/min·20L/min
Ultimate vacuum	10hPa (7.5Torr)		2hPa (1.5Torr)
Safety function	Motor malfunction detector		
Motor	90W		
Cylinder	2 step	2 step x 2	4 step
Suction/exhaust nozzle	OD 10mm at hose end		
Dimensions (mm) & Weight	138W x 206D x 180H 6kg	138W x 206D x 252H 8kg	
Power source	115VA AC115V/220VA AC220V	230VA AC115V/440VA AC220V	

Point!

Silencer is equipped



Noise during vacuuming is reduced.

Nozzle rotation



Suction/exhaust nozzle rotates freely to reduce fixation on piping.

Exhaust speed selection



Can select High or Low speed

Vacuum controller can be integrated



Vacuum controller can be integrated.
Two evaporators can be controlled by adding second vacuum controller.

Options



NVC-2300B

Vacuum Control Unit NVC-2300A

Cat. No. 245010

Vacuum Control Unit NVC-2300B

Cat. No. 245020

Vacuum controller mounting plate

Cat. No. 261830 (for NVC-2300A)

Vacuum controller mounting plate

Cat. No. 261840 (for NVC-2300B)



Exhaust trap set

Consisting of: Condenser, receiving flask (300mL) clamp, nozzle set

Cat. No. 261460

Condenser fixing metal

Cat. No. 262970

Pole for fixing condenser

Cat. No. 262960

System example

(For small volume multiple samples)



Product name	Model	Cat. No.
Rotary evaporator	N-1200BV-W	243200
Low temp. circulator	CCA-1112	259910
Vacuum control unit	NVC-2300B	257260
Electro magnetic valve	CV-1	196910
Vacuum controller mounting plate	NVC·B-NVP	261830
Vacuum control cable A	NC-0.5M	245110
Diaphragm vacuum pump	NVP-1000	261800
Cooling hose set OD10mm	2m x 2	244940
Vacuum Hose ID6xOD15mm	5m	119170