



N-1210BV-W

Control panel



Model	N-1210BV-W	N-1210BVF-W	N-1210BV-WB	N-1210BVF-WB	
Cat No.	220V 115V	269718 269719	269748 269749	269728 269729	269758 269759
Water bath	Water		Water or Oil		
Rotation speed range	5 to 280 rpm				
Evaporating capacity	Max.23mL/min (water)				
Temp. control range	RT+5° C to 90° C		RT+5° C to 180° C		
Temp. control accuracy	± 1° C		± 1.5° C		
Rotation setting • display	Volume dial setting • Digital display				
Jack function	Motorized jack (Stroke 110mm) + manual extend up to 130mm				
External input/output	Communication cable for NVC-3000, Connecting cable for recirculating chiller				
Motor	Stepping motor				
Glassware	Vertical double spiral condenser (cooling surface: 0.146m ²), Adaptor, Rotary joint (with optional thick rotary joint enables to use 3L sample flask), Sample flask 1L, TS29/38, Receiving flask 1L,S35/20				
Vacuum seal	Teflon vacuum seal (Cat No.244980)				
Bath dimensions (mm)	Dia220 x 120H		Dia240 x 120H		
Bath material • capacity • heater	SUS304 • Approx.4.3L • 1.05kW		SUS304 • Approx.5.4L • 1kW		
Connection	Cooling water nozzle • Vacuum nozzle OD10mm				
Ambient temperature	5 to 35° C				
Overall dim' s (at highest position) mm	579Wx438Dx840(1070)H		566Wx433Dx840(1070)H		
Net weight	17kg		17.5kg		
Power	5.7A 1.25kVA • AC220V 50Hz 12.5A 1.25kVA • AC115V 60Hz		5.5A 1.2kVA • AC220V 50Hz 12A 1.2kVA • AC115V 60Hz		

※Specifications are room temperature 20° C with rated power.
 ※The temperature control accuracy of water bath is when the 1L sample flask is rotating.
 ※Evaporating capacity depends on the rotation speed, vacuum condition, water bath temperature, cooling water temperature, type of sample flask, and etc.
 ※Rotary Evaporator is consisted of 3 components such as main unit, glassware, and water bath.

Equipped with motorized jack N-1210B

- N-1210B: By pressing the key pad can easily lift up or down the driving unit of rotary evaporator.
- In case of power failure, the motorized jack will be automatically lift the sample flask up to the highest level to prevent the samples being over-heated by water bath.
- The jack up/down key is located at the front base of main unit which enables you to operate N-1210B installed in a fume hood while the sash is at low position.
- The jack stroke can be extended up to 130mm manually which enables you to use a trap bulb with ease.
- VF type glassware comes with protective special resin coated condenser and receiving flask which has excellent transparency.
- By using N-1210B combined with NVC-3000 vacuum controller, you can concentrate your samples by setting appropriate vacuum rate. By purchasing various communication cables and cable socket for vacuum controller, low temp. circulator, water bath, and diaphragm vacuum pump can be controlled simultaneously.



N-1210BS-W

Control panel



Model	N-1210BS-W	N-1210BSF-W	N-1210BS-WB	N-1210BSF-WB	
Cat No.	220V 115V	269658 269659	269778 269779	269668 269669	269788 269789
Water bath	Water		Water or Oil		
Rotation speed range	5 to 280 rpm				
Evaporating capacity	Max.23mL/min (water)				
Temp. control range	RT+5° C to 90° C		RT+5° C to 180° C		
Temp. control accuracy	± 1° C		± 1.5° C		
Rotation setting • display	Volume dial setting • Digital display				
Jack function	Motorized (jack stroke 110mm) + manual extend up to 130mm				
External input/output	Communication cable for NVC-3000, Connecting cable for recirculating chiller				
Motor	Stepping motor				
Glassware	Diagonal double spiral condenser (cooling surface: 0.146m ²), Rotary joint (with optional thick rotary joint enables to use 3L sample flask), Sample flask 1L, TS29/38, Receiving flask 1L,S35/20				
Vacuum seal	Teflon vacuum seal (Code: 244980)				
Bath dimensions (mm)	Dia220 x 120H		Dia240 x 120H		
Bath material • capacity • heater	SUS304 • Approx.4.3L • 1.05kW		SUS304 • Approx.5.4L • 1kW		
Connection	Cooling water nozzle • Vacuum nozzle OD10mm				
Ambient temperature	5 to 35° C				
Overall dim' s (at highest position) mm	742Wx438Dx520(750)H		729Wx433Dx520(750)H		
Net weight	17.5kg		18kg		
Power	5.7A 1.25kVA • AC220V 50Hz 12.5A, 1.25kVA • AC115V 60Hz		5.5A 1.2kVA • AC220V 50Hz 12A, 1.2kVA • AC115V 60Hz		

※Specifications are room temperature 20° C with rated power.
 ※The temperature control accuracy of heating bath is when the 1L sample flask is rotating.
 ※Evaporating capacity depends on the rotation speed, vacuum condition, water bath temperature, cooling water temperature, type of sample flask, and etc.
 ※Rotary Evaporator is consisted of 3 components such as main unit, glassware, and water bath.

Equipped with motorized jack N-1210B

- Diagonal double spiral condenser ensures highly efficient recovery from low boiling point samples to high boiling point samples.
- N-1210B: By pressing the key pad can easily lift up or down the driving unit of rotary evaporator.
- In case of power failure, the motorized jack will be automatically lift the sample flask up to the highest level to prevent samples being over-heated by water bath.
- The jack up/down key is located at the front base of main unit which enables you to operate N-1210B installed in a fume hood while the sash is at low position.
- Teflon vacuum seal ensures highly chemical resistance and longer durability.
- The jack stroke can be extended up to 130mm manually which enables you to use trap bulb with ease.
- SF type glassware comes with protective special resin coated condenser and receiver flask which has excellent transparency.
- By using N-1210B combined with NVC-3000 vacuum controller, you can concentrate your samples by setting appropriate vacuum rate. By purchasing various communication cables and cable socket for vacuum controller, low temp. circulator, water bath, and diaphragm vacuum pump can be controlled simultaneously.