

10. SPECIFICATIONS

Model		RE202-A/212-A	RE202A-A/212A-A	RE202B-A/212B-A
Performance *1	Operating ambient temperature range	5-35 °C		
	Speed range	5-315 rpm *3		
	Evaporation capacity	---	Up to 23 mL/min	
Functions	RPM display	Digital display/Encoder dial setting		
	Rotation mode	Forward/Reverse/Auto inversion		
	Spring-loaded jack	Manual balance (Max. height 200 mm, stepless regulation, one-touch lock)		
Configuration	Rotary motor	DC brushless (simple servo)		
	Condenser retention	Retaining bracket for vertical condenser (condenser type B)		
Safety functions		[DC motor] Motor overload protection, overvoltage, low voltage, rotation speed sensor error [AC adapter] Short circuit in internal circuit, overcurrent protection, overvoltage protection		
Standard	Cooling condenser	---	Double corrugated tube (cooling surface: 0.143 m ²)	Double corrugated tube (cooling surface: 0.143 m ²)
		---	Suction port: GL-14 (lower), Φ10 nozzle	Suction Port: GL-14 (upper), Φ10 nozzle
		---	Cooling port: GL14 (two places in lower part), two φ10 nozzles	
	Compatible evaporation flask	50-2000ml for Φ 24 (JIS) * Use optional reducer to attach small flasks.		
	Compatible receiving flask	100-2000 mL		
	External dimensions *2	375W×445H×324D	719W×324D×534H	529W×324D×745H
	Overall dimensions *2 (Including bath)	---	744W×365D×534H	554W×365D×745H
	Power rating	RE202-A: 100-115 V AC single phase 1 A RE212-A: 100-230 V AC single phase 1 A		
	Power cable	Approx. 2.0 m with inlet plug		
	Weight	Approx. 7.0 kg	Approx. 9.0 kg (including RE unit)	
Accessories	[Main unit] Instruction manual (1), warranty card (1), AC adapter (1), power cable (1), bath guide (1), rear cover (1), single-sided tape fastener roll (1), double-sided tape fastener roll (1), condenser bracket (1), hex wrench (1)			
	[Glass set] Cooling condenser (type A/B)(1), rotary joint (1), evaporation flask (1), receiving flask (1), ball joint clamp (1), flask clip (1), vacuum seal (1), condenser insulation kit (1), flask removal tool			

*1 Performance data above based on 23 ±5 °C room temperature, 65%RH ±20% humidity, and no process load.

*2 Dimensions do not include protrusions.

*3 Applicable rotation speed range and sample volume depend on the capacity of evaporation flask.

Evaporation flask capacity	Liquid samples		Powdery samples	
	Sample volume (mL)	Rotation speed (rpm)	Sample volume (mL)	Rotation speed (rpm)
50-500 mL	Flask capacity ÷ 2	315	Flask capacity ÷ 2	315
1000 mL		150		150
2000 mL		Not available		