

## Large Volume Rotary Evaporator with Auto Lift, 20L Industrial Scale

### 대용량 디지털 회전 농축기, 자동 리프트

Cat. No.	Model	Cooling Type	EA Price ₩
E02-238-501	LE20000V	Vertical	11,342,300

- Large LCD Digital Display : Heating Temperature, Speed Range, Clockwise and Anti-Clockwise, Time
- 모터 구동 방식의 Automatic Lift : 180 mm Stroke
- Oil Bath Heating Range : up to 180°C
- 정방향 / 역방향 회전 및 Interval Operation
- Heating Bath
  - Water & Oil bath
  - Stainless Steel 재질을 사용하여 부식 방지
  - 특수 단열구조 설계로 표면온도가 내부온도보다 훨씬 낮아 화상으로부터 안전함
- 넓은 면적과 증발력이 강한 Three-layer High-Efficiency Condenser로 효율적인 시료 회수 보장
- Evaporating Flask를 쉽고 빠르게 설치할 수 있음
- Chemical Resistant Double PTFE System Sealing
- 시스템 진공 및 용제 증류를 손상시키지 않고 연속적으로 수집 가능한 스위칭 밸브
- LK Labkorea

Model		LE20000V
Flask		up to 20 L Evaporating / up to 10 L Receiving
Cooling Surface		1.2 m <sup>2</sup>
Evaporation Capacity		Max.4.0L/h (water vapor volume)
Speed Range		10 ~ 150 rpm
Rotation		Clockwise & Reverse Direction
Temperature	Range	RT ~ 180°C
	Accuracy	±1°C (Water), ±3°C (Oil)
Ultimate Vacuum		Less 2.6hpa
Temperature Control		Micro processor PID control
Lift		Automatic, Max.Stroke : 180 mm
Digital Display		Temperature / Speed / Timer / Direction
Heating Bath Size		φ450 × 240 mm
Size		w600 × d1160 × h1860 mm
Power		220V 50/60Hz, 4600 W
Heating Power		4400 W

### Glassware only for "LE20000V" Evaporator

Cat. No.	Model	Description	EA Price ₩
E02-238-210	18200595	Vertical Glassware	2,751,600
E02-238-321	18900563	20 L Evaporating Flask	305,800
E02-238-325	18900564	10 L Receiving Flask	183,500
E02-238-372	18203912	Main Condenser	646,500
E02-238-375	18203913	Secondary Condenser	575,300

- Vertical Glassware Set E02-238-210
  - 구성 : Condenser, 20L Evaporating Flask, 10L Receiving Flask
  - 냉각 면적 : 1.2 m<sup>2</sup>

- Recirculating Chiller는 87 Page 참조
- Chemical Resistant Vacuum Pump는 824 ~ 828 Page 참조



1. Double-layer high efficiency condenser
  - Large condensation area and strong evaporation capacity ensuring efficient sample recovery



2. Switching valve design
  - Switch valve for continuous collection without compromising the system vacuum and solvent distillation



3. Heating Bath
  - Enhanced lifetime through exclusive use of corrosion-free stainless steel
  - It adopts special heat insulation structure design so the surface temperature is far lower than the temperature in the bath to avoid personnel burns