

SciLab-brand® Chiller, -20°C +40°C Heavy-duty Refrigerated External Circulator "WiseCircu® Chi", Flow 20-/30-Lit/min  
 Ideal for 1~50Lit Evaporators, Cooling Line, etc. Lift 8-/27-m, Cooling Capa 0.87-/1.3-/3.0-kW, 다용도 냉각 써클레이터/칠러



Chiller, -20°C+40°C  
 Heavy-duty Refrigerated External Circulator  
 "WiseCircu® Chi-30"

- Made in Korea      ■ PL(Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Ideal for Wide-range Reaction System and Evaporator.      ■ Max. Lift 8-/27-m
- Assembly-type Safety Connection Ports/Pipe for Fluid In/Out-let : ISO RC 1/2" Thread, Stainless-steel.
- Digital PID Control System Implementing Superior Temperature Accuracy.
- Embedded External Nozzle Part for the Prevention of Nozzle Damaged.
- Stainless-steel Internal Bath for Prevention of Corrosion.
- \* Wide-range Filling Volume 17Lit. / 29Lit. / 47Lit.      \* Effective Cooling Capacity
- \* Useful for 1~50Lit. Various Reactors and Evaporators.      \* Emergency Stop Button for safety.
- \* High Quality Circulation Pump : 20-/30-Lit/min Max Flow Rate and 1.0-/3.3-bar Max. Pressure.
- \* Built in Pump Pressure Gauge and Compressor Pressure Gauge.

Specifications & Ordering information

Spec.	Model	"WiseCircu® Chi-20" Filling Volume Max. Capa. 17Lit.	"WiseCircu® Chi-30" Filling Volume Max. Capa. 29Lit.	"WiseCircu® Chi-50" Filling Volume Max. Capa. 47Lit.
Temp. Range & Stability		-20°C ~ +40°C-Range, ±0.2°C(at 15°C)-Stability		
Cool-Fluid. Filling Volume		17 Lit. max	29 Lit. max	47 Lit. max
Useful for 1~50Lit Evaporators, etc.		for 1~20Lit Evaporator	for 10~30Lit Evaporator	for 20~50Lit Evaporator
Refrigerator Capacity(HP)		1/2 HP	1 HP	2 HP
Lid & Top Opening Dia.		φ100 mm		
Fluid In/Out-let Connector		ISO RC 1/2" (English System AG 1/2") Thread, Stainless-steel		
Pump Power, Lift Height, m	Max. Flow Rate	20 Lit/min	30 Lit/min	
	Max. Pressure & Lift	1.0 bar Max. Lift : 8m	3.3 bar Max. Lift : 27m	
Cooling Capacity	at +20°C	1.7 kW	2.8 kW	6.5 kW
	at 0°C	0.87 kW	1.3 kW	3.0 kW
	at -20°C	0.32 kW	0.45 kW	1.2 kW
External Dimension		450×650×h900 mm	580×800×h1260 mm	670×900×h1450 mm
Material		Internal : Stainless-steel, External : Powder Coated steel		
Electrical Reqts.		1 Phase 230V, 50 / 60 Hz		3Phase 380V
Cat. No.	60Hz	SL.Chi0020	SL.Chi0030	SL.Chi0050
	50Hz	SL.Chi0025	SL.Chi0035	SL.Chi0055

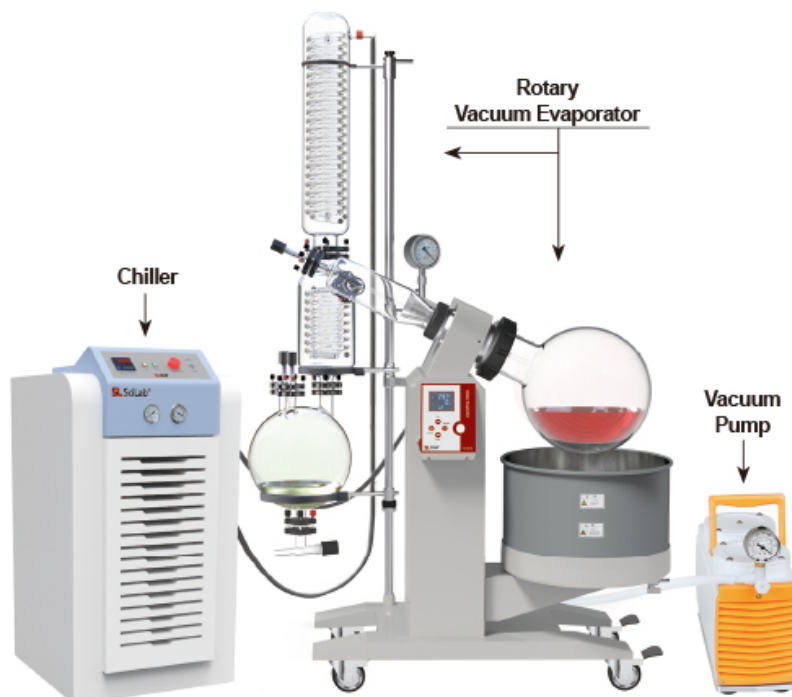
\* Other Specifications are available upon Customer's Request.

※ 운임 약 ₩ 20,000 별도!



Assembly-type Safety Connection Ports/Pipe  
 for Fluid In/Out-let ;  
 ISO RC 1/2" Thread, Located On Rear-Upper Panel

- ▶ Therminol D12® Cooling / Heating Transfer Fluid, Clear / Harmless : See page 45
- ▶ Insulated External Circulating Tubing : See page 54



▶ Figure : One of the Applications in the Large Volume Evaporator Line.