

Cat. No	Description	Articles
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DAIHAN-brand® Precise High-temp Bath Circulator “MaXircu™ CH”, to 250°C, ±0.1°C, 8-/12-/22-/30- Lit with 1×Stainless-steel Flat Lid/Digital Fuzzy Control System/Certi. & Traceability, Flow 16 Lit./min, Lift 2.8m
 Ideal for Reactors, etc., External Circulating Connect - od.12.5/id.10.5mm, 정밀 고온 배스겸용 고온 써클레이터



High Temp. Bath Circulators : “CH-8” & “CH-12”

- Made in Korea. ■ CE Certified. ■ PL(Product Liability) Insurance.
 - with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System.
 - Advanced Heating System Ensures Temperature Performance.
 - Digital Fuzzy Control System Implementing Superior Temperature Accuracy.
 - Innovative Powerful Circulation Pump ensures Temp. Uniformity : Internal and External Circulation (Max Flow Rate : 16 Lit./min.).
 - Controlled 5 Steps Circulation speed(Flow Rate).
 - Patented Jog-Dial Control System and Capacitive Touch Button.
- * 304 Stainless-steel Bath and Lid for Superior Durability and High Thermal Efficiency.
 * Compensation Function to Control Difference between Real Temp. and Indicated Temp.
 * Digital Timer Function : ‘Delay Time’ and ‘Operation Time’ can be Controlled.
 * Locking Mode Supported for Experimental Safety (Input to Jog-Dial can be Disabled).

Specifications & Ordering information

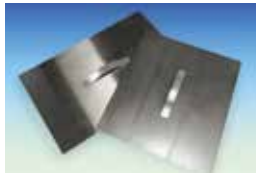
Spec.	Model	MaXircu™ CH-8	MaXircu™ CH-12	MaXircu™ CH-22	MaXircu™ CH-30
Bath Volume		8 Lit.	12 Lit.	22 Lit.	30 Lit.
Pump		Max Flow Rate : 16 Lit./min, (Controlled 5 Steps Flow Rate Speed), Max Pressure : 5 psi, Max Lift : 2.8m			
Temp. Range & Accuracy		Room Temp +5°C ~ 250°C, ±0.1°C			
Temp. Resolution		0.1°C-Display, 0.5°C-Control			
Temp. Uniformity & Probe		±0.2°C, PT100			
Heating Power		1.0 kW	1.5 kW	2.2 kW	2.5 kW
Heat-up Time		50 min. to 100°C			
External Circulation Nozzle		id.10.5 / od.12.5 mm			
Timer & Alarm		99hr 59min (Delay & Continuous run), Error status & Timer-end			
Display		Digital LCD with Back-Light Function			
Controller		Digital Fuzzy Controller with Jog - Dial Knob (Turn+Push)			
Safety Circuit		Over-Temp./-Current protection, Sensor Error & Low Level Detection			
Material		Stainless-steel (# 304)-Internal, Powder Coated steel-External, 50mm Thickness Ceramic Fiber-Insulation			
Lid & Drain Valve		included Stainless-steel Flat Lid, Ball Valve, Optional Dome Lid,			
Dimension (w×d×h)	Effective Space	180×130×h155	250×130×h155	340×250×h155	340×250×h200
	Mounted	180×320×h155	250×320×h155	340×440×h155	340×440×h200
	External	303×443×h569	373×443×h569	463×563×h569	463×563×h614
Packing Size (mm) & Gross Weight(kg)		470×400×h500	470×400×h500	600×490×h500	600×490×h500
		19 kg	21 kg	23 kg	37 kg
Electrical Reqts.		1 Phase, AC 120V, 60Hz or AC 230V, 50 / 60Hz			
Cat. No.	230V	DH.WCH00408	DH.WCH00412	DH.WCH00422	DH.WCH00430
	120V	DH.WCH00508	DH.WCH00512	DH.WCH00522	DH.WCH00530
Price, Each. ₩					

* Other Specifications are available upon Customer's Request.

※ 운임 약 ₩ 9,000 별도



External Circulating Nozzle



Flat Lid, Included



Ex. Multi-use High Temp. Bath Circulator with Modular Reactor System



(1) & (2)



(3)

Insulated Silicone & Teflon PFA Circulation Hose, Id ϕ 10 ~ 19mm, L1/1.5m

- Supplied by SciLab Korea * ϕ 37mm Black NBR Foam Insulated Silicone or PFA-Hose
- * Silicone Vacu-Hose : id 10×od 13mm, id 15×od 20mm, id 18×od 24mm, 220°C * SL.Tub4031 & SL.Tub4032 : PFA Hose
- * PFA Hose : id 10×od 12mm / PTFE Hose : id 15×od 16mm, id 19×od 21mm, -100 + 260°C

(1) Insulated Silicone Hose, 220°C

SL.Tub	Material	Length	dh Pk. Price, ₩
SL.Tub4021	Sili-hose, id 10mm, L1m	1m	
SL.Tub4022	, L1.5m	1.5m	
SL.Tub4023	, id 15mm, L1m	1m	
SL.Tub4024	, L1.5m	1.5m	
SL.Tub4025	, id 18mm, L1m	1m	
SL.Tub4026	, L1.5m	1.5m	

(2) Insulated PFA Hose, 260°C

SL.Tub	Material	Length	dh Pk. Price, ₩
SL.Tub4031	PFA-hose, id 10mm, L1m	1m	
SL.Tub4032	, L1.5m	1.5m	
SL.Tub4033	PTFE-hose, id 15mm, L1m	1m	
SL.Tub4034	, L1.5m	1.5m	
SL.Tub4035	, id 19mm, L1m	1m	
SL.Tub4036	, L1.5m	1.5m	

(3) Best Insulatedly & Flexible Stainless-steel Circulation Hose, Id ϕ 17mm, L1m, 360°C

SL.Tub	Material	Length	Ea. Price, ₩
SL.Tub7021	Flexible Stainless-steel Circulation Hose, id 17×od 60mm, L1m	L1m	