





“Saba Sun Azma” is a pioneer company in laboratory equipment. providing high quality products & services with a competitive price and fast technical support in the region. Scrupulosity about the quality in Saba Sun team, makes the products distinctive from other similar devices on the market.

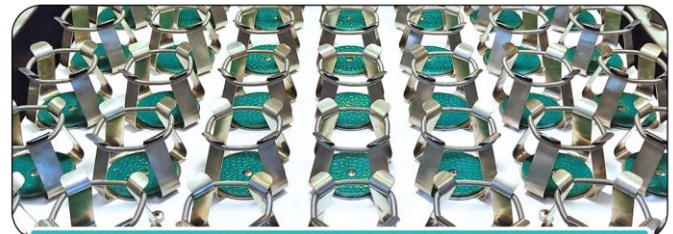
# Shaker Incubator



SPRING FLASK HOLDER

## Application:

- Cell culture,
- Fermentation,
- Hybridization,
- Biochemistry
- Research of enzyme and cell tissues
- Similar Research activities which require high quality of temperature control and shaking speed



UNIVERSAL FLASK HOLDER

# Shaker Incubator

## Features:

- Front door and sliding platform provides easy loading and handling of sample
- Advanced shaking mechanism provides quiet shaking and precise speed control
- Stabilized orbital motion, minimum noise and no vibration
- Universal platform included
- Accommodates flasks up to 1000 ml
- Durable and flexible stainless-steel flask holder (optional)
- Universal spring rack for various flask shapes/sizes (optional)

Model	Delta-S-150-R
Temperature range	10°C– 60°C (refrigerated)
Temperature accuracy & uniformity	Accuracy: 0.2°C at 37°C
Heater	1000 W
Refrigerant	CFC-free
Shaking speed & stroke	30–250 rpm – 20mm orbital motion
Max. capacity of flask holder 50-100 ml / 200-300 ml / 500-1000 ml	35 pcs / 12 pcs / 10 pcs
External dimensions (W x D x H)	1020 x 730 x 720mm
Power supply	220VAC – 50 Hz

# Heating-Cooling Bath (External and inside)

Alpha Series



## Saba Sun Alpha Series

offers reliable technology and modern design for high precision liquid temperature Control from  $-25$  to  $200$  °C. The Alphas are the perfect solution for most basic temperature control applications in the lab.

# Heating-Cooling Bath (External and inside)

Alpha Series

## Features:

- Circulating with simplest operation & integrated cooling system
- Exclusive user-friendly software (SunUI) on a 4.3" touch-screen
- Fully electronic continuous controller
- Overtemperature protection for use with non-flammable liquids
- Powerful circulating pump
- Bath from stainless steel
- Condenser cooling Air

Model	Alpha RA 8	Alpha RA 12	Alpha RA 24
Working temperature min	-25 / -15 / 0 °C		
Working temperature max	25 / 100 / 200 °C		
Temperature stability	± 0.5 °C		
Power consumption max.	1.5kw	2.5 kw	4 kw
Pump Pressure max.	0.2 bar		
Pump flow rate pressure max.	10 L/min	10 L/min	10 L/min
Bath volume (min. to max.)	5 to 7 L	9 to 12 L	15 to 17 L
Overall dimensions (WxDxH)	315 x 405 x 605 mm	365 x 500 x 605 mm	415 x 605 x 605mm
Power supply	220 VAC – 50 Hz		

# Chiller Circulator (External)

Microcool Series

## Saba Sun Microcool

The compact circulation chiller MC fit effortlessly on a lab bench. Somewhat larger models are also available having 2000 watts of cooling capacity and which can be positioned on the floor under a lab bench to save space.



# Chiller Circulator (External)

Microcool Series

## Features:

- Circulation chiller
- Exclusive user-friendly software (SunUI) on a 4.3" touch-screen Display
- Fully electronic continuous controller
- Overtemperature protection for use with non-flammable liquids
- Powerful circulating pump
- Bath from stainless steel
- Condenser cooling Air

Model	Microcool MC 350	Microcool MC 600
Working temperature min	-10°C	
Working temperature max	Up to +80°C	
Temperature stability	± 0.5°C / ±2.0°C	
Power consumption max.	0.25 kw	1 kw
Pump Pressure max.	0.3 / 1.3 bar	
Pump flow rate max.		15 L/min
Bath volume min. / max.	2 / 4 L	4 / 8 L
Dimensions (cm)	30 x 50 x 50	45 x 50 x 50
Power supply	220 V AC; 50 Hz	



# Chiller Circulator (External)

Variocool Series



## Saba Sun VARIOCOOL

Variocool circulation chillers impress with their space-saving construction and versatility provided by a wide variety of options. They are simple and convenient to operate via the color display. Starting with the VC 1200 model, the working pressure and flow rate can be adapted to the respective requirements in different applications using an integral bypass and optional pumps to achieve optimum temperature control thermosetting.

# Chiller Circulator (External)


Variocool Series

## Features:

- Circulation chiller
- Exclusive user-friendly software (SunUI) on a 4.3" touch-screen Display
- Fully electronic continuous controller with PID action
- Overtemperature protection for use with non-flammable liquids
- Powerful circulating pump
- Operates with non flammable liquids (water, water/glycol)
- Condenser cooling Water

Model	Variocool VC 3000	Variocool VC 7000
Working temperature min	-10°C	
Working temperature max	40°C	
Temperature stability	± 2 °C	
Power consumption max.	3 kw	7 kw
Pump Pressure max.	3.2 / 4.8 bar	
Pump flow rate pressure max.	30 L/min	45 L/min
Bath volume min. / max.	20 / 33 L	48 / 64 L
Overall dimensions (cm)	500 x 5000 x 900 mm	600 x 600 x 1100 mm
Power supply	220 V; 50 Hz	400 V; 3/N/PE; 50 Hz



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