



Introducing the multi-talented...

# POLAR BEAR **PLUS**

## FAMILY

Advanced cooling *Plus* heating  
for the 21st Century



# WELCOME TO A REVOLUTION IN TEMPERATURE MANAGEMENT.

The Polar Bear *Plus* family sets a new benchmark for precision heating and cooling by removing all the hassle and giving you more time to do what you do best. The industry-leading technology paired with an elegant, modern design makes the Polar Bear *Plus* a must have for any leading-edge environment. For more information and full specifications, please visit:

[WWW.CAMBRIDGEREACTORDESIGN.COM/POLARBEAR](http://WWW.CAMBRIDGEREACTORDESIGN.COM/POLARBEAR)

# POLAR BEAR **PLUS** CRYSTAL



Sophisticated temperature control is the key to the Polar Bear *Plus* Crystal, developed with input from the chemists at **SAFC Pharmorphix**<sup>®</sup>. The temperature gradients that can be achieved, together with programmable temperature profiling and cycling, make this the first choice for your crystallisation investigations.

## Effortless, Reliable, Intelligent

# POLAR BEAR *PLUS*



Many applications are suited to the flexible plate format and simple operation of our standard Polar Bear *Plus*. Simply turn it on and set the temperature of the plate or the contents.

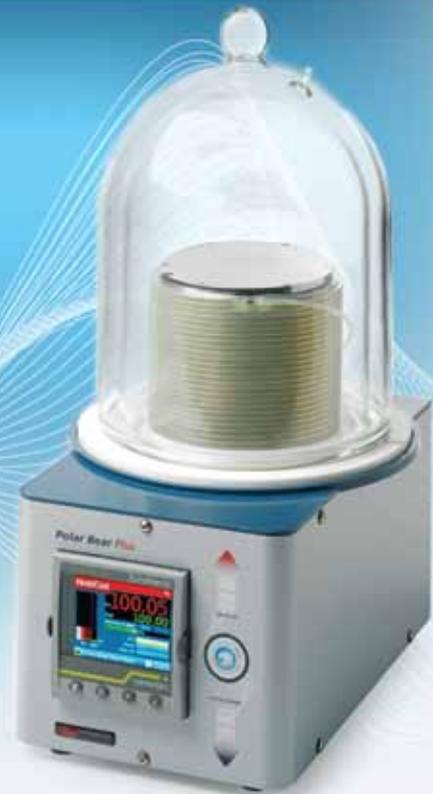


## Compact, Accurate, Flexible



A range of holders is available to ensure efficient heat transfer, whilst a magnetic stirrer drive adds versatility to this very compact unit.

# POLAR BEAR **PLUS** FLOW SYNTHESISER



## Powerful, Precise, Plug&Play

Small in size, big in performance, the Polar Bear *Plus* Flow Synthesiser has been designed in collaboration with Prof. Steven Ley's Chemists at the University of Cambridge to deliver more flexibility and control over temperatures for continuous chemistry reactions. It can be interfaced to any pumps of your choice and runs completely unattended for as many days as the reagent feed is supplied.



## Bear Facts

Each member of the energy efficient Polar Bear *Plus* family accurately delivers temperatures from  $-40^{\circ}$  to  $+150^{\circ}\text{C}$  at the touch of a button. No solvents, ice, heat transfer fluids or other peripherals are needed – just plug it in and set the desired temperature.

**For further  
details and full  
specifications, visit**

[WWW.CAMBRIGEREACTORDESIGN.COM/POLARBEAR](http://WWW.CAMBRIGEREACTORDESIGN.COM/POLARBEAR)

If you are ready to buy now  
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For our full range of products please visit our  
 website: [www.CambridgeReactorDesign.com](http://www.CambridgeReactorDesign.com)



## POLAR BEAR **PLUS** - Model Comparison Chart

	Standard	Crystal	Flow
Temperature range -40° to +150°C	✓	✓	✓
Magnetic Stirrer	✓	✓	
Temperature Programming		✓	
Automatic data logging	✓	✓	✓
Free Software Included	✓	✓	✓
Size (mm)	200x320x170	200x320x170	200x320x300
Weight (kg)	9	9	13
Power Consumption (W)	630	630	630
Included in the box	Polar Bear Plus, Power cable, USB Key with User Manual	Polar Bear Plus Crystal, Power Cable, 1 x Insulating Ring, 1 x Former Kit, 1 x PT100 Probe, USB Key with User Manual	Polar Bear Plus Flow Synthesiser, Power Cable, Coiled FEP Tube Former (50 mL), 1 x PT100 Probe Single Walled Glass Dome USB Key with User Manual