



**PolyScience®**

**REFRIGERATED / HEATED BATHS,  
CHILLERS, AND ACCESSORIES**

Rowe Scientific has the  
correct temperature control  
solution for your laboratory.

## PREMIUM DIGITAL WATER BATH

**Excellent temperature control, range and uniformity**

The next generation of PolyScience general purpose water baths have been developed to be a premium digital unstirred water bath. They incorporate a set of user-friendly features that offer a balance of control, precision and convenience.

### KEY FEATURES:

- 1 High-gabled lid accommodates taller media bottles
- 2 Clear, hinged cover tilts out of the way, letting condensation drain back into the bath and keeps samples in view
- 3 Rear-mounted drain
- 4 Easy-to-read, full-color TFT display provides more information
- 5 Programmable presets with large buttons for easy navigation

- Displays actual and set point temperature simultaneously
- Programmable pre-sets for frequently used temperatures
- Integrated timer
- Hinged gable cover
- Calibration capability
- Reservoir sizes from 2 to 28 litres
- Reservoir made of 304 Stainless Steel
- Reservoir drain (10 litre and larger baths)
- Primary and automatic safety thermostats
- Compatible with waterless bath beads

ROWE CODE / CAPACITY	IB0536 / 2L	IB0537 / 5L	IB0538 / 10L	IB0529 / 20L	IB0539 / 28L
Temp range	Ambient +5°C to 100°C				
Temp stability	+0.1°C				
Temp uniformity	+0.2°C				
Heater wattage	120	360	1000	1,400	1,400
Working access (L x W x D)	9.9 x 10.9 x 15.2cm	12.7 x 27.4 x 15.2cm	26.9 x 29.5 x 15.2cm	24.1 x 43.2 x 15.2cm	24.1 x 43.2 x 20.3cm
Overall dimension (L x W x D)	22.9 x 30.5 x 26.7cm	36.8 x 30.5 x 26.7cm	39.3 x 43.2 x 30.5cm	57.2 x 44.5 x 30.5cm	57.2 x 44.5 x 35.6cm
Electrical	240V, 50Hz, 1.1A	240V, 50Hz, 1.6A	240V, 50Hz, 4.5A	240V, 50Hz, 6A	240V, 50Hz, 6A
Shipping weight	4.1kg	6.4kg	10kg	11.3kg	12.7kg



# REFRIGERATED/HEATED CIRCULATING BATHS

A versatile range of products to fit your needs.

Capable of reaching temperatures as low as -40°C, PolyScience refrigerated/heated circulating baths provide dependable temperature control for a wide variety of laboratory cooling applications.



Your choice of controller



Quiet and energy efficient



Safe and reliable



Easy to maintain

## KEY FEATURES:

- Working temperatures from -40° to +200°C
- Temperature stabilities to  $\pm 0.005^\circ\text{C}$
- Capacities from 7 to 75 litres
- Four controller types with large, intuitive displays and multiple communication options
- Large bath openings and easy to clean surfaces
- Swivel 180° rotating controllers
- LidDock™ lid stowing system
- DuraTop™ chemical resistant deck
- WhisperCool® environmental control system
- Cool command™ technology

## HEATED

### STANDARD DIGITAL



### ADVANCED DIGITAL



### ADVANCED PROGRAMMABLE



ROWE CODE	DESCRIPTION
IB0497	7L Standard Digital (+10 to 170°C)
IB0498	15L Standard Digital (+10 to 170°C)
IB0499	20L Standard Digital (+10 to 170°C)
IB0501	28L Standard Digital (+10 to 170°C)

ROWE CODE	DESCRIPTION
IB0455	7L Advanced Digital (+10 to 200°C)
IB0517	15L Advanced Digital (+10 to 200°C)
IB0518	20L Advanced Digital (+10 to 200°C)
IB0519	28L Advanced Digital (+10 to 200°C)

ROWE CODE	DESCRIPTION
IB0507	7L Advanced Programmable (+10 to 200°C)
IB0508	15L Advanced Programmable (+10 to 200°C)
IB0509	20L Advanced Programmable (+10 to 200°C)
IB0510	28L Advanced Programmable (+10 to 200°C)

## REFRIGERATED

ROWE CODE	DESCRIPTION
IB0495	7L Standard Digital Low Profile (-20 TO 170°C)
IB0407	15L Standard Digital (-30 TO 170°C)
IB0496	20L Standard Digital (-30 TO 170°C)
IB0494	28L Standard Digital (-30 TO 170°C)

ROWE CODE	DESCRIPTION
IB0456	7L Advanced Digital (-20 to 200°C)
IB0511	7L Advanced Digital Low Profile (-20 to 200°C)
IB0512	15L Advanced Digital (-30 TO 200°C)
IB0513	15L Advanced Digital (-40 TO 200°C)
IB0514	20L Advanced Digital (-30 TO 200°C)
IB0515	28L Advanced Digital (-30 TO 200°C)

ROWE CODE	DESCRIPTION
IB0253	7L Advanced Programmable (-20 to 200°C)
IB0502	7L Advanced Programmable Low Profile (-20 to 200°C)
IC0433	15L Advanced Programmable (-30 to 200°C)
IB0505	20L Advanced Programmable (-30 to 200°C)
IB0354	28L Advanced Programmable (-30 to 200°C)



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# RECIRCULATING CHILLERS

## PolyScience Benchtop Chillers

These powerful, low-temperature chillers are well matched for use with rotary evaporators, vacuum systems, spectrometers, and other analytical equipment. Also available with mobile cart accessories for convenient placement under a bench.

## KEY FEATURES:

- Large, easy-to-read LED display
- Space-saving design
- Cooling at ambient temperatures as high as 30°C
- Low flow shutoff and alarm, high and low temperature alarms
- Front mounted fluid level gauge
- Choice of pumps



### LS SERIES -20° TO +40°C

#### Key features

- Working temperature: -20° to +40°C
- Temperature stability: ±0.1°C
- Cooling capacity: up to 1290 watts @ 20°C

ROWE CODE	DESCRIPTION	MAX FLOW	MAX PRESSURE
IC0270	LS5 Series Chiller, Turbine Pump (-20 to 40°C)	8.3 L/MIN	32 psi
IC0272	LS5 Series Chiller, Centrifugal Pump (-20 to 40°C)	11.8 L/MIN	10.5 psi
IC0271	LS5 Series Chiller, Centrifugal Pump (-20 to 40°C)	12.9 L/MIN	5.5 psi



### LM SERIES -10° TO +30°C

#### Key features

- Working temperature: -10° to +30°C
- Temperature stability: ±0.1°C
- Cooling capacity: up to 560 watts @ 20°C

ROWE CODE	DESCRIPTION	MAX FLOW	MAX PRESSURE
IC0274	LM6 Series Chiller, Centrifugal Pump (-10 to 30°C)	6.8 L/MIN	4.4 psi
IC0273	LM6 Series Chiller, Centrifugal Pump (-10 to 30°C)	11.4 L/MIN	12.5 psi



### MM SERIES -5° TO +50°C

#### Key features

- Working temperature: -5° to +50°C
- Temperature stability: ±0.1°C
- Cooling capacity: up to 460 watts @ 20°C

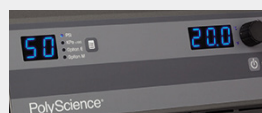
ROWE CODE	DESCRIPTION	MAX FLOW	MAX PRESSURE
IC0205	MM7 Series Chiller, Centrifugal Pump (-5 to 50°C)	6.8 L/MIN	4.4 psi
IC0275	MM7 Series Chiller, Centrifugal Pump (-5 to 50°C)	11.4 L/MIN	12.5 psi

# 6000 SERIES PORTABLE CHILLER

Stable and reliable cooling for many common heat removal applications, including laser etching, AA furnaces, ICP, rotary evaporators, vacuum systems, reaction vessels, plasma etching, and condenser cooling.

## KEY FEATURES:

- Large, dual displays present temperature, pressure or flow rate simultaneously
- Compact, portable design takes up less floor space
- Choice of pumps and compressor sizes



Digital temperature display, digital pressure/flow rate display and fluid level gauge.

ROWE CODE	DESCRIPTION	MAX FLOW	MAX PRESSURE
IC0189	6000 Series Chiller, Turbine Pump 1HP	11 L/MIN	83 psi
IC0204	6300 Series Chiller, Magnetic drive 1/3 HP	14.7 L/MIN	9.5 psi

Rowe Scientific, your **'one stop shop'** laboratory supply partner.

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We have a comprehensive range of PolyScience benchtop chillers, with the expertise to help you choose the correct temperature control solution for your laboratory.



## FLUIDS AND ACCESSORIES

Enhance and extend the performance of your PolyScience circulator, general purpose water bath, chiller, or recirculating cooler with genuine PolyScience fluids, accessories, and replacement parts.

### COOLANTS AND THERMAL FLUIDS

ROWE CODE	DESCRIPTION
CT1527	Thermal fluid Polycool HC-50 temperature range -50°C to 100°C
CT1699	Thermal fluid Polycool PG-20 temperature range -20°C to 100°C
IC0445	Coolant Polyclear Mix 30 Plus with corrosion inhibitor 15°C to 90°C
IC0364	Clarifier solution Polyclean, keeps water bath reservoirs clean and odour-free



IC0445



CT1699



IC0364



CT1527

### PARTS AND ACCESSORIES

ROWE CODE	DESCRIPTION
IA0183	Air filter for Polyscience cryoprecipitate bath
IA0113	Adapter fitting 1/4 NPT to 5/16 (8mm) hose barb straight brass
CB3373	Floating balls for water bath polypropylene hollow 19mm
II0089	Insulation for 1/2 (13mm) tubing -32°C to 200°C 1.8m lengths
HW0024	Weight ring, flask weight 48mm I.D. 260g cast iron plastic coated suits flasks 250mL to 1L



IA0113



II0089



CB3373



IA0183



HW0024



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**www.rowe.com.au**

**South Australia & NT**  
Ph: (08) 8186 0523  
rowesa@rowe.com.au

**Queensland**  
Ph: (07) 3376 9411  
roweqld@rowe.com.au

**Victoria & Tasmania**  
Ph: (03) 9701 7077  
rowevic@rowe.com.au

**New South Wales**  
Ph: (02) 9603 1205  
rowensw@rowe.com.au

**Western Australia**  
Ph: (08) 9302 1911  
rowewa@rowe.com.au