



EFFECTIVE LABORATORY SUPPLIES CC

Waterbaths



Laboratory Waterbaths and Accessories

These waterbaths and accessories are ideally suited to all general laboratory applications. All baths together with the optional accessories are designed to be used with the complementary range of circulators.

- All bodies are constructed from corrosion protected mild steel with an epoxy powder coated finish
- Inner tanks are manufactured from grade 316 stainless steel for exceptional corrosion resistance
- Optional gabled lids and height reducers manufactured from grade 304 stainless steel
- All height reducers easily adjustable
- Specially designed gable lid to ensure no direct dripping of condensate into samples

Model	Tank Volume (l)	External Dimensions (W x H x D)	Internal Dimensions (W x H x D)	Gross Weight (kg)	Electrical connection (V/hz)	Power Rating (W)
130	14	310x260x345	225x200x300	7.5	230/50	500
132	34	640x260x345	560x200x300	14.5	230/50	500
132A	40	790x260x345	710x200x300	15	230/50	750

Accessories

- Height Reducer Adjustable 50 - 90mm
- Stainless Steel Gables Lid

Contact

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Waterbaths



Heatable Baths

This proven range of heatable baths are ideally suited for water or oil applications. The units are available in two model options depending on the control accuracy required.

- Inner tanks are manufactured from grade 316 stainless steel for exceptional corrosion resistance
- Grade 304 stainless steel optional lid
- Reliable, high quality incalloy heating elements.
- Heaters and sensors protected by a perforated removable diffuser to ensure even temperature distribution
- Auxillary heating element to assist in rapid heat up of bath if required
- High density mineral wool insulation for minimum heat loss

Economy Oil/Waterbath

Hydraulic thermostat control for applications where lower temperature accuracy is acceptable

Model	Temp variation at a point ($\pm^{\circ}\text{C}$)	External Dimensions (W x H x D)	Internal Dimensions (W x H x D)	Electrical connection (V/hz)	Power Rating (W)	Approx Net Weight (kg)	Tank Capacity (l)
415	5	790x340x240	460x305x200	230/50	2000	15	25

Digital Oil/Waterbath

For applications requiring a high degree of accuracy

Model	Temp variation at a point ($\pm^{\circ}\text{C}$)	External Dimensions (W x H x D)	Internal Dimensions (W x H x D)	Electrical connection (V/hz)	Power Rating (W)	Approx Net Weight (kg)	Tank Capacity (l)
416	1	790x340x240	460x305x200	230/50	2000	15	25

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Model 170

Model 175

Cooling Baths

The scientific cooling bath units are a versatile solution where a low temperature medium is required. The insulated bath can be used for experimentation or the medium can be externally pumped to other equipment. The latter process is often used in digestion research or testing.

- Electronic P.I.D temperature control with digital indication of set and process value
- High accuracy pt 100 temperature sensor
- Powerful internal pump for circulation in the bath or externally. Capacity 10 l/min @ 1M head
- Temperature range -20°C to +100°C
- Removable lid
- Reliable refrigeration system with high quality compressor and components
- Grade 304 stainless steel tank
- Model 175 fitted with easy move castors

Model	Temp range (°C) @ 25° ambient	Temp variation at a point (±°C)	External Dimensions (W x H x D)	Internal Dimensions (W x H x D)	Opening Dimensions (W x H x D)	Electrical connection (V/hz)	Power Rating (W)	Mass (kg)	Pump capacity (l/min) @ 1M head	Tank capacity (l)
170	-20 to 100	0.5	300x400x640	290x230x150	250x180	230/50	1000	27	10	10
175	-20 to 100	0.5	420x480x780	300x365x180	250x180	230/50	1500	37	10	20

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Steambaths

Steambaths



The scientific range of laboratory steambath or hot water baths are ideally suited for many types of digestion experiments. The self locating removable lids can readily accommodate a variety of round bottom kjeldahl flasks. All models are manufactured from high grade 304 stainless steel. The unique design of the lid and tank rim ensure that all water vapour returns back to the bath.

- Easily replaceable high quality incalloy heating element for long and reliable use
- Manual reset safety thermostat protects the element should the bath run dry
- Simple device for automatic control of water level
- Flask openings
31mm,50mm,70mm,and 80mm diameter
- Heat resistant, safe to touch lid knobs

Model	Number of Stations	External Dimensions (W x H x D)	Electrical connection (V/hz)	Power Rating (W)	Gross Weight (kg)
401	6	410x110x280	230/50	2000	5
402	12	530x110x405	230/50	2000	7

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