

## Clifton Stirred and Circulating Water Baths



Clifton analogue and digital stirred baths provide a stable temperature environment ideal for meeting quality control requirements. Designed for immersion of flasks, bottles and racks for a wide variety of laboratory applications.

Clifton digital water and oil circulators are designed for external circulation of temperature controlled water and heat transfer fluids in a closed circuit.



Both stirred and circulating baths comprise of a high quality corrosion resistant stainless steel tank, with a bright clean finish housed in a durable painted outer case with non slip rubber feet. Painted surfaces feature anti-bacterial finish with good chemical resistance.



### Analogue Stirred Water Baths



Analogue baths have an easy to use dial pointer for setting temperature, graduated in 5°C increments. When low liquid is detected heating is suspended and a warning indicator is visible.

### Digital Stirred Water Baths



Temperatures can be easily and rapidly set with the push button, wipe clean control panel, featuring a bold LED display. The high precision PID temperature controller ensures that uniformity and sensitivity is guaranteed.

## NE4 Thermostirrers & Circulators

Clifton thermostirrers and circulators can be fitted to laboratory water baths, tanks and containers using accessory mount bracket.

Durable stainless steel construction, painted surfaces are powder coated with tough anti-bacterial finish with good chemical resistance. Easy to use controls that wipe clean and have an anti-bacterial finish. Immersed components are corrosion resistant. Quiet running and providing good water temperature stability. Indication of heating and low liquid levels.



NE4-D With Accessory Mount Bracket



	NE4 - T	NE4 - D	NE4 - P	NE4 - HT
GENERAL				
Temp. Range	Ambient + 5°C - 99°C	Ambient + 5°C - 99°C (-20°C with accessory cooling)		
Temp. Alarm		Over temperature alarm is automatically set 4°C above set point		
Temp. Control	Analogue Dial Pointer	PID Digital, LED display showing actual or set temperature, resolution 0.1°C		
Sensitivity/Uniformity	±0.2°C/ ±0.05°C	±0.05°C/ ±0.01°C	±0.1°C/ ±0.01°C	±0.05°C/ ±0.01°C
Heater Power (220-240V)	1250W			
Voltage	230V 50-60Hz	120V or 230V models available 50-60Hz		
Timer		Visual indicator and end message - Variable 00:01 to 99:59 hh:mm		
Pump Capacity			10 Litres/min - 150mbar	
Connection Ports			4mm bore x 6mm o/d tubing	
DIMENSIONS				
Tank Capacity	8 to 28 litres	8 to 56 litres		
External (mm)	125w x 230d x 350h			

	NE4 - D 2 K W	NE4 - P 2 K W
<b>GENERAL</b>		
Temp. Range	Ambient + 5°C - 99°C	
Temp. Alarm	Over temperature alarm is automatically set 4°C above set point	
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C	
Sensitivity/Uniformity	±0.1°C/ ±0.01°C	
Heater Power (220-240V)	2000W	
Voltage	120V or 230V models available 50-60Hz	
Timer	Visual indicator and end message - Variable 00:01 to 99:59 hh:mm	
Pump Capacity		10 Litres/min - 150mbar
Connection Ports		4mm bore x 6mm o/d tubing
<b>DIMENSIONS</b>		
Tank Capacity	28 to 56 litres	
External (mm)	125w x 230d x 350h	

## Common Accessories

NE4-MB	Allows mounting of NE4 series thermostirrer in any position around a tank
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# Stirred Water Baths

## NE4 - T Series Analogue Thermostatic Stirred Baths



NE4-14T



**Thermostirrer** complete with stainless steel tank with a bright clean finish housed in a durable painted outer case. Painted surfaces feature anti-bacterial finish with good chemical resistance.

### NE4 - 8 T

### NE4 - 14T

GENERAL		
Temp. Range	Ambient + 5°C - 99°C	
Temp. Control	Analogue Dial Pointer	
Sensitivity/Uniformity	±0.2°C / ±0.05°C	
Heater Power (220-240V)	1250W	
Voltage	230V models available 50-60Hz	
DIMENSIONS		
Tank Capacity	8 litre	14 litre
External (mm)	271w x 332d x 170h	361w x 332d x 170h
Internal (mm)	129w x 300d x 150h	219w x 298d x 150h
Water Level Max. (mm)	130	



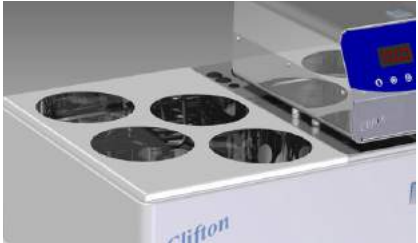
### NE4 - 22T


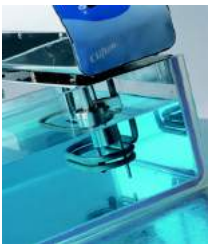
### NE4 - 28T

GENERAL		
Temp. Range	Ambient + 5°C - 99°C	
Temp. Control	Analogue Dial Pointer	
Sensitivity/Uniformity	±0.2°C / ±0.05°C	
Heater Power (220-240V)	1250W	
Voltage	230V models available 50-60Hz	
Drain (12mm Bore)		Drain Outlet
DIMENSIONS		
Tank Capacity	22 litre	28 litre
External (mm)	537w x 332d x 170h	537w x 332d x 290h
Internal (mm)	395w x 298d x 150h	395w x 298d x 200h
Water Level Max. (mm)	130	180

Accessories on Page 26 & 27

## Stirred & Circulating Bath Accessories

	Stainless Steel Gabled Lid with Insulated Handle	Stainless Steel Flat One Piece lid with Insulated Handle	Stainless Steel Lid with Concentric Rings LDR4-14 : 4 x 105mm holes LDR6-22 : 6 x 105mm holes
STIRRED & CIRCULATING BATHS			
NE4-8T, NE4-8D, NE4-8P, NE4-8HT	SL4-8	LD4-8	Not Available
NE4-14T, NE4-14D, NE4-14P, NE4-14HT	SL4-14	LD4-14	LDR4-14
NE4-22T, NE4-22D, NE4-22P, NE4-22HT	SL4-22	LD4-22	LDR6-22
NE4-28T, NE4-28D, NE4-28P	SL4-22	LD4-22	LDR6-22
NE4-38D	SL4-38	LD4-38	Not Available
NE4-56D, NE4-56P	SL4-56	Not Available	Not Available

	Stainless Steel Raised Shelves	Lab Bath Heat Transfer Fluid -15°C to 90°C LB-2.5: 2.5 Litres LB-5.0: 5 Litres
STIRRED & CIRCULATING BATHS		
NE4-8T, NE4-8D, NE4-8P, NE4-8HT	Not Available	LB-2.5/LB-5.0
NE4-14T, NE4-14D, NE4-14P, NE4-14HT	RS4-14	LB-2.5/LB-5.0
NE4-22T, NE4-22D, NE4-22P, NE4-22HT	RS4-14 RS4-22	LB-2.5/LB-5.0
NE4-28T, NE4-28D, NE4-28P	RS4-14 RS4-22	LB-2.5/LB-5.0
NE4-38D	RS4-14 RS4-22 RS4-38	LB-2.5/LB-5.0
NE4-56D, NE4-56P	SL4-56	LB-2.5/LB-5.0

Flat n Fold™ Test Tube Racks	Stainless Steel Test Tube Racks	Polypropylene Spheres: Pack of 200	Drain Tap
6770 : 26 holes x 17mm DIA 6771 : 16 holes x 26mm DIA 6772 : 36 holes x 13mm DIA 6773 : 18 holes x 19mm DIA 6800 : 14 holes x 32mm DIA	6870 : 26 holes x 17mm DIA 6871 : 16 holes x 26mm DIA 6872 : 36 holes x 13mm DIA 6873 : 18 holes x 19mm DIA 6900 : 12 holes x 32mm DIA		
			
1 Racks From Above Range	1 Racks From Above Range	BP0368 : 1 Pack	Not Available
3 Racks From Above Range	3 Racks From Above Range	BP0368 : 2 Packs	Not Available
5 Racks From Above Range	5 Racks From Above Range	BP0368 : 3 Packs	Not Available
5 Racks From Above Range	5 Racks From Above Range	BP0368 : 3 Packs	BX0953
7 Racks From Above Range	7 Racks From Above Range	BP0368 : 5 Packs	BX0953
10 Racks From Above Range	10 Racks From Above Range	BP0368 : 8 Packs	BX0953

## Universal Accessories

CAL	Calibration Record
BX0616	Drain Syphon
NE4-MB	Mounting Bracket (NE4-HT, NE4-D, NE4-P2KW, NE4-D2KW, NE4-T, NE4-P - All Factory Fit)
BKF-1	Barkeepers Friend
HS-1	Push Fit Insulated Hose for Circulating Bath -40 to 130 °C 1m Length
HS-2	Push Fit Insulated Hose for Circulating Bath -40 to 130 °C 2m Length
TC-1	Thermometer clip with bent stem thermometer
NE4-CC	Cooling Coil - Water feed for background cooling
DC1-300	Immersion cooler for temperature -20 °C (Not for use with the NE4-T series more detail on page 42)
DC2-300	Immersion cooler for temperature -20 °C - Higher Powered Cooling (Not for use with the NE4-T series more detail on page 42)



**Wolflabs**

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