

1100 Series Boiling Baths


Clifton Range®




Rectangular boiling baths available in a choice of aluminium or stainless steel are both electrically heated. The multi-place baths are fixed temperature for boiling water, fitted with sheathed immersion heater, resettable cut-out for safety and concentric ringed lids to vary the hole size. The ER range regulates from a gentle simmer to a vigorous boil whereas the E range continuously boils.

The steam produced provides an effective source of heat for samples:

- That may be otherwise thermally damaged by a naked flame.
- Used for applications to distil/concentrate liquids, melt agar and other solids.
- Metallurgical analysis, protein analysis and bacteriological examinations.

	1101E	1101ER	1102E	1104E
GENERAL				
Chamber Capacity	4.5 Litres		8.8 Litres	
Temperature Range	Boiling at 100°C	Simmer to boiling at 100°C	Boiling at 100°C	
Temperature Control	Constant boiling no control	Energy regulator which controls the amount of boiling from a gentle simmer to vigorous boil	Constant boiling no control	
Material	Stainless Steel			
Heater Indicator	This indicates ON = heating, off safety cut out has fired			
Heater Power (220-240V)	1000W			
Lid Fitted				
Voltage	230V models 50-60Hz			
DIMENSIONS				
External (mm)	321w x 219d x 90h		425w x 321d x 90h	
No. of Holes & Diameter	6 holes x 80mm diameter		6 holes x 101mm diameter	12 holes x 80mm diameter

1104ER		1105E		1105ER	
GENERAL					
Chamber Capacity	8.8 Litres		5 Litres		
Temperature Range	Simmer to boiling at 100°C		Boiling at 100°C		Simmer to boiling at 100°C
Temperature Control	Energy regulator which controls the amount of boiling from a gentle simmer to vigorous boil		Constant boiling no control		Energy regulator which controls the amount of boiling from a gentle simmer to vigorous boil
Material	Stainless Steel		Aluminium		
Heater Indicator	This indicates ON = heating, off safety cut out has fired				
Heater Power (220-240V)	1000W				
Lid Fitted					
Voltage	230V models 50-60Hz				
DIMENSIONS					
External (mm)	425w x 321d x 90h		400w x 200d x 90h		
No. of Holes & Diameter	12 holes x 80mm diameter		6 holes x 80mm diameter		

By removing concentric rings, the hole sizes can be varied to accommodate different sizes of vessels simultaneously.

Centre ring – removed, aperture 30mm hole

Ring 1 – Removed, aperture 42mm hole

Ring 2 – Removed, aperture 58mm hole

Ring 3 – Removed, maximum 80mm hole

Ring 4 – Removed, maximum 101mm hole



1104E

1101E, 1104E and 1105E have 3 concentric ring sets, and centre ring.

1102E has 4 ring set and centre ring.

Constant level device maintains liquid level during boiling. Use standard laboratory tubing and connect one outlet to a tap and adjust the water supply to maintain boiling water level. The other outlet acts as an overflow to a sink or drain.