

# Clifton Range®

Crafted with precision, made for excellence

## Lab Essentials



**NICKEL-ELECTRO LTD.**  
Manufacturers of the *Clifton Range*®

# About Us

Nickel-Electro Ltd. is a family firm based in Weston-super-Mare which was incorporated as a limited company in 1941, but our roots can be traced back to 1935 when the business first started. Now in our 3rd generation of family members, we pride ourselves on being a strongly established, independent British manufacturer.

The Clifton brand takes its name from The Clifton Suspension Bridge in Bristol which was designed and built by the famous Victorian engineer Isambard Kingdom Brunel and is recognised as engineering excellence.

As a company who specialise in the design and manufacture of temperature control equipment for a wide range of markets, we are committed to sustainable practices throughout all operations within our business. From design conception, sourcing raw materials to lean manufacturing in producing reliable, durable products, we strive to make a positive impact on the environment.

## Sustainability Key



### Products are built to last, ensuring longevity

Products are British manufactured, durable, reliable and built to last, ensuring longevity.



### Products have minimum energy requirements

Products have minimum energy requirements, contribute to reduced water consumption and reduce the need for consumables.



### Products are recyclable

Products are recyclable.



### Compostable and biodegradable packaging

Compostable and biodegradable bags are used for packaging and glassine bags for all our consumable products.



### Lids reduce energy consumption

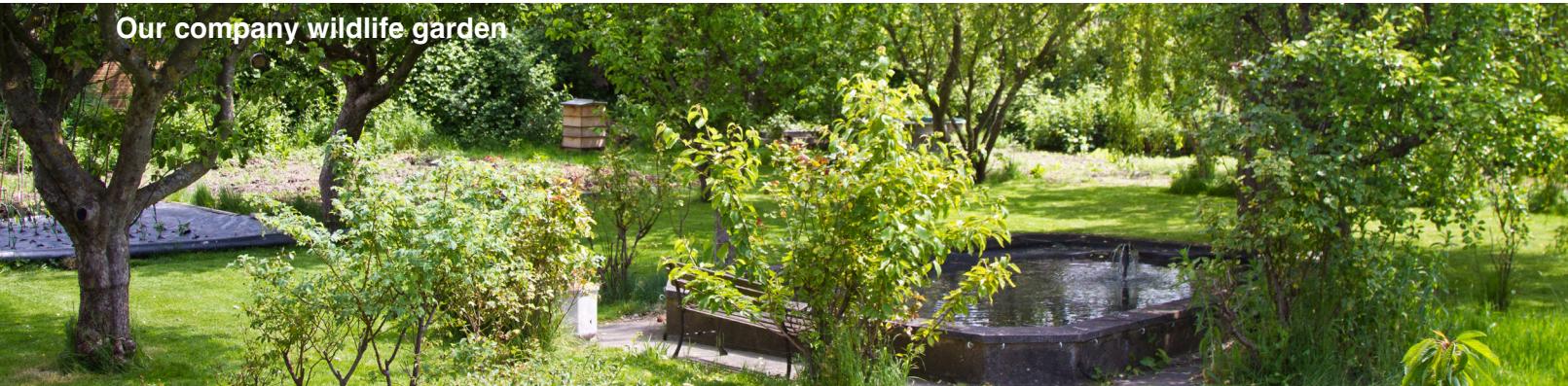
Accessory lids reduce energy consumption by 60%.



### Bath Armor™ reduces energy consumption

Accessory Bath Armor™ reduces energy use by 70% and zero water consumption.

Our company wildlife garden



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# NE1 Series Standard Analogue Water Baths

The NE1 series, thermostatic Clifton analogue baths are designed for general use and are economically priced without compromising on quality.

Comprising of a high quality corrosion resistant 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.

Heaters and temperature sensors are concealed under the tank. Fitted with side lifting handles for ease of transportation.



Product Code	NE1-2.5	NE1-4	NE1-8	NE1-14
Chamber Capacity	2.5 Litres	4 Litres	8 Litres	14 Litres
Temp. Range	Ambient + 5°C - 100°C			
Temp. Control	Analogue dial pointer, graduated in 5°C divisions			
Sensitivity/Uniformity	±0.5°C / ±0.5°C	±0.25°C / ±0.1°C		
Heater Power (220-240V)	250W	400W	800W	1000W
Voltage	230V 50-60Hz	120V or 230V models available 50-60Hz		
Drain Tap Fitted	✗	✓		
<b>Dimensions</b>				
External (mm)	270w x 190d x 240h	332w x 185d x 290h	332w x 270d x 290h	361w x 332d x 290h
Internal (mm)	230w x 130d x 150h	300w x 150dx 150h	300w x 240d x 150h	325w x 300d x 150h
Water Level Max. (mm)	130			
Water Level Min. (mm)	55			

Product Code	NE1-22	NE1-28	NE1-56
Chamber Capacity	22 Litres	28 Litres	56 Litres
Temp. Range	Ambient + 5°C - 100°C		
Temp. Control	Analogue dial pointer, graduated in 5°C divisions		
Sensitivity/Uniformity	±0.25°C / ±0.1°C		
Heater Power (220-240V)	1500W		2500W
Voltage	120V or 230V models available 50-60Hz		
Drain Tap Fitted	✓		
<b>Dimensions</b>			
External (mm)	538w x 332d x 290h		660w x 540d x 290h
Internal (mm)	500w x 300d x 150h	500w x 300d x 200h	620w x 500d x 200h
Water Level Max. (mm)	130		180
Water Level Min. (mm)	55		

# NE1D Educational Digital Water Baths

The NE1D series educational water baths are designed for school, college and university use and are built comprising of a high quality corrosion resistant stainless steel tank and with a bright clean finish housed in a durable paint finished outer case.

Painted surfaces feature anti-bacterial finish with good chemical resistance. Educational water baths are fitted with side lifting handles for ease of transportation.



Product Code	NE1D-4	NE1D-8	NE1D-14	NE1D-22
Chamber Capacity	4 Litres	8 Litres	14 Litres	22 Litres
Temp. Range	Ambient + 5°C - 99°C			
Temp. Control	Digital, LED display showing actual or set temperature, resolution 1°C			
Sensitivity/Uniformity	±0.2°C / ±0.1°C			
Heater Power (220-240V)	400W	800W	1000W	1500W
Voltage	120V or 230V models available 50-60Hz			
Drain Tap Fitted	✗		✓	
<b>Dimensions</b>				
External (mm)	332w x 185d x 290h	332w x 270d x 290h	361w x 332d x 290h	538w x 332d x 290h
Internal (mm)	300w x 150d x 150h	300w x 240d x 150h	325w x 300d x 150h	500w x 300d x 150h
Water Level Max. (mm)	130			
Water Level Min. (mm)	55			

# NE2D Advanced Digital Water Baths

The NE2D advanced digital water bath provides a stable temperature environment ideal for meeting quality control requirements, featuring digital PID temperature control for precision. Controls feature auto alarm setting, illuminated on/off switch, heater and over temperature indications.

The advanced digital water bath comprises of a high quality corrosion resistant stainless steel tank, with a bright clean finish housed in a durable paint finished outer case. Side lifting handles.



Product Code	NE2-4D	NE2-8D	NE2-10D	NE2-14D
Chamber Capacity	4 Litres	8 Litres	10 Litres	14 Litres
Temp. Range	Ambient + 5°C - 100°C			
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C			
Temp. Alarm	Over temperature alarm is automatically set 4°C above set point			
Sensitivity/Uniformity	±0.2°C / ±0.1°C			
Heater Power (220-240V)	400W	800W	1000W	
Voltage	120V or 230V models available 50-60Hz			
Drain Tap Fitted	✗	✓	✗	✓
<b>Dimensions</b>				
External (mm)	332w x 185d x 290h	332w x 270d x 290h	332w x 270d x 290h	361w x 332d x 290h
Internal (mm)	300w x 150d x 150h	300w x 240d x 150h	300w x 240d x 200h	325w x 300d x 150h
Water Level Max. (mm)	130			
Water Level Min. (mm)	55			

Product Code	NE2-22D	NE2-28D	NE2-56D
Chamber Capacity	22 Litres	28 Litres	56 Litres
Temp. Range	Ambient + 5°C - 100°C		
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C		
Temp. Alarm	Over temperature alarm is automatically set 4°C above set point		
Sensitivity/Uniformity	±0.2°C / ±0.1°C		
Heater Power (220-240V)	1500W		2500W
Voltage	120V or 230V models available 50-60Hz		
Drain Tap Fitted	✓		
<b>Dimensions</b>			
External (mm)	538w x 332d x 290h		660w x 540d x 290h
Internal (mm)	500w x 300d x 150h	500w x 300d x 200h	620w x 500d x 200h
Water Level Max. (mm)	130	180	
Water Level Min. (mm)	55		

# NE3DT Pro Digital Water Baths

The NE3DT pro digital water baths feature precision temperature control with an option to enable a run back or delay start timer, the latter useful for pre-conditioning water temperature before use. Controls feature auto alarm setting, illuminated on/off switch, heater and over temperature indications.



Product Code	NE3-4DT	NE3-8DT	NE3-14DT
Chamber Capacity	4 Litres	8 Litres	10 Litres
Temp. Range	Ambient + 5°C - 100°C		
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C		
Temp. Alarm	Over temperature alarm is automatically set 4°C above set point		
Temp. Control and run back timer	Indicator and end message variable, 00:01 to 99:59 [hh:mm], activates at set temperature.		
Temp. Control and delay start timer	Heating commences at a set time in future Within 24 hours, useful for pre-conditioning water bath ready for use.		
Sensitivity/Uniformity	±0.2°C / ±0.1°C		
Heater Power (220-240V)	400W	800W	1000W
Voltage	120V or 230V models available 50-60Hz		
Drain Tap Fitted	✗	✓	
Lid Fitted		✓	
Dimensions			
External (mm)	332w x 185d x 290h	332w x 270d x 290h	361w x 332d x 290h
Internal (mm)	300w x 150d x 150h	300w x 240d x 150h	325w x 300d x 150h
Water Level Max. (mm)	130		
Water Level Min. (mm)	55		
Product Code	NE3-28DT	NE3-56DT	
Chamber Capacity	28 Litres	56 Litres	
Temp. Range	Ambient + 5°C - 100°C		
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C		
Temp. Alarm	Over temperature alarm is automatically set 4°C above set point		
Temp. Control and run back timer	Indicator and end message variable, 00:01 to 99:59 [hh:mm], activates at set temperature.		
Temp. Control and delay start timer	Heating commences at a set time in future Within 24 hours, useful for pre-conditioning water bath ready for use.		
Sensitivity/Uniformity	±0.2°C / ±0.1°C		
Heater Power (220-240V)	1500W	2500W	
Voltage	120V or 230V models available 50-60Hz		
Drain Tap Fitted	✓		
Lid Fitted	✓	✗	
Dimensions			
External (mm)	538w x 332d x 290h	660w x 540d x 290h	
Internal (mm)	500w x 300d x 200h	620w x 500d x 200h	
Water Level Max. (mm)	180		
Water Level Min. (mm)	55		

## NE2D ShallowBaths™

Clifton digital ShallowBaths™ are perfect for heating small height samples such as micro tubes, micro plates and bottles. ShallowBaths™ require less water and less process chemicals, so are therefore economical to use. Controls feature auto alarm setting, illuminated on/off switch, heater and over temperature indications.

Comprising of a high quality corrosion resistant stainless steel tank, with a bright clean finish housed in a durable painted outer case. Painted surfaces feature anti-bacterial finish with a good chemical resistance.

Personal, small footprint water bath, providing a stable temperature environment for life science preparations.



Product Code	NE2-2D	NE2-5D	NE2-9D
Chamber Capacity	2 Litres	5 Litres	9 Litres
Temp. Range	Ambient + 5°C - 99°C		
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C		
Temp. Alarm	Over temperature alarm is automatically set 4°C above set point		
Sensitivity/Uniformity	±0.2°C / ±0.1°C		
Heater Power (220-240V)	200W	800W	
Voltage	120V or 230V models available 50-60Hz		
Dimensions			
External (mm)	332w x 185d x 135h	361w x 332d x 135h	535w x 332d x 135h
Internal (mm)	300w x 150d x 65h	325w x 300d x 65h	500w x 300d x 65h
Water Level Max. (mm)	40		
Water Level Min. (mm)	20		

# TripleBaths™

Triplebath™ features three independently controlled unstirred water baths in one unit. Analogue and digital options available in either 2 litre or 4 litre combinations. Typically suitable for classroom use performing PCR routines in shallow temperature controlled water, each tank can be set to a different temperature for denaturing, annealing and elongation – reducing solvent and consumables.

Comprising of high quality corrosion resistant stainless steel tanks, with a bright clean finish housed in a durable paint finished outer case. Painted surfaces feature anti-bacterial finish with good chemical resistance. 4 litre chambers are fitted with side lifting handles for ease of transportation.

Each chamber comes complete with a removable “low” height stainless steel perforated shelf.



Product Code	NE1-2/2/2	NE1-4/4/4	NE1D-2/2/2	NE1D-4/4/4
Chamber Capacity	2 Litres each	4 Litres each	2 Litres each	4 Litres each
Temp. Range	Ambient + 5°C - 99°C			
Temp. Control	Analogue dial pointer, graduated in 5°C divisions		Digital, LED display, resolution 1°C	
Sensitivity/Uniformity	±0.5°C / ±0.5°C		±0.25°C / ±0.1°C	
Heater Power (220-240V)	3 x 200W	3 x 400W	3 x 200W	3 x 400W
Voltage	230V / 50-60Hz			
<b>Dimensions</b>				
External (mm)	535w x 332d x 135h	535w x 332d x 290h	535w x 332d x 135h	535w x 332d x 290h
Internal (mm)	150w x 300d x 65h (x3)	150w x 300d x 150h (x3)	150w x 300d x 65h (x3)	150w x 300d x 150h (x3)
Water Level Max. (mm)	30	130	30	130
Water Level Min. (mm)	10	55	10	55

# NE4-D Classic Stirred Digital Baths

Clifton stirred water baths feature a digital PID temperature controller and are designed for immersion of flasks, bottles and racks in an accurate temperature environment throughout the water bath.

Clifton stirred baths are constructed using durable stainless steel, painted surfaces are powder coated with tough anti-bacterial finish with good chemical resistance. Easy to use controls that wipe clean also have an anti-bacterial finish. Immersed components are corrosion resistant.



Product Code	NE4-8D	NE4-14D	NE4-22D	NE4-28D
Chamber Capacity	8 Litres	14 Litres	22 Litres	28 Litres
Temp. Range	Ambient + 5°C - 99°C			
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C			
Temp. Alarm	Under/over temperature alarm is automatically set 4°C above and 4°C below set point			
Sensitivity/Uniformity	±0.05°C / ±0.01°C			
Timer	Variable, 00:01 to 99:59 hh:mm			
Heater Power (220-240V)	1250W			
Voltage	120V or 230V models available 50-60Hz			
Drain Outlet	✗			✓
Dimensions				
External (mm)	271w x 332d x 170h	361w x 332d x 170h	537w x 322d x 170h	537w x 332d x 290h
Internal (mm)	129w x 300d x 150h	219w x 298d x 150h	395w x 298d x 150h	395w x 298d x 200h
Water Level Max. (mm)	130			180

Product Code	NE4-38D	NE4-56D
Chamber Capacity	38 Litres	56 Litres
Temp. Range	Ambient + 5°C - 99°C	
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C	
Temp. Alarm	Under/over temperature alarm is automatically set 4°C above and 4°C below set point	
Sensitivity/Uniformity	±0.05°C / ±0.01°C	±0.2°C / ±0.02°C
Timer	Variable, 00:01 to 99:59 hh:mm	
Heater Power (220-240V)	1250W	2000W
Voltage	120V or 230V models available 50-60Hz	230V / 50-60Hz
Drain Outlet	✓	
Dimensions		
External (mm)	715w x 330d x 235h	660w x 540d x 290h
Internal (mm)	570w x 295d x 200h	490w x 500d x 200h
Water Level Max. (mm)	195	180

# NE4-SB Universal Heated Thermostirrer

Clifton NE4-SB features a digital PID temperature controller which provides even water circulation and temperature stability. Designed to be fully compatible and easy to fit onto an array of tanks and vessels (rectangular or circular) with a diameter 30cm or more.

Featuring a low-level float device, which ensures heating is switched off if the liquid falls below the recommended level.



Product Code	NE4-SB
Max. Tank Capacity	60 Litres
Temp. Range	Ambient + 5°C - 99°C
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C
Temp. Alarm	Under/over temperature alarm is automatically set 4°C above and 4°C below set point
Sensitivity	±0.05°C
Timer	Visual indicator and audible end message - variable 00:01 to 99:59 hh:mm
Heater Power (220-240V)	2000W
Voltage	230V / 50-60Hz
Dimensions	
External (mm)	122w x 240d x 335h
Tank Mounting (mm)	Double clamp fitting accommodates tank max wall thickness 40mm
Tank Water Levels (mm)	Example : with overall tank depth 150mm / max water level 130mm / min 80mm

# SW Ultrasonic Baths

These industrial strength ultrasonic baths are designed for demanding applications and suitable for continuous operation. The baths are also ideal for cleaning delicate or fragile components which may otherwise be damaged by mechanical cleaning.

The baths are available from 1 to 30 litres capacity and feature eco and dynamic sonic modes. Eco offers quieter gentler ultrasonic activity whilst dynamic running provides vigorous cleaning.



Product Code	SW1H	SW3H	SW6H
Chamber Capacity	1 Litres	3 Litres	6 Litres
Temp. Range	30°C - 80°C in 5°C increments		
Temp. Control	Analogue dial pointer		
Timer	Time setting OFF, 1, 2, 3, 4, 5, 10, 15, 20, 25, 30 minutes or continuous up to 6 hours		
Voltage	120V or 230V models available 50-60Hz		
Ultrasonic Effective Power	30W	80W	150W
Ultrasonic Peak Power / Frequency	240W / 37kHz	320W / 37kHz	600W / 37kHz
Heater Power (220-240V)	60W	200W	400W
Drain Tap Fitted	✗	✓	✓
Complete with Lid and Basket	✓		
Dimensions	External (mm)	Internal (mm)	Basket Internal (mm)
External (mm)	235w x 135d x 190h	305w x 190d x 230h	370w x 200d x 275h
Internal (mm)	190w x 85d x 60h	220w x 120d x 100h	275w x 125d x 150h
Basket Internal (mm)	155w x 70d x 35h	195w x 105d x 50h	255w x 105d x 95h

Product Code	SW12H	SW30H
Chamber Capacity	12 Litres	30 Litres
Temp. Range	30°C - 80°C in 5°C increments	
Temp. Control	Analogue dial pointer	
Timer	Time setting OFF, 1, 2, 3, 4, 5, 10, 15, 20, 25, 30 minutes or continuous up to 6 hours	
Voltage	120V or 230V models available 50-60Hz	
Ultrasonic Effective Power	200W	300W
Ultrasonic Peak Power / Frequency	800W / 37kHz	1200W / 37kHz
Heater Power (220-240V)	800W	1200W
Drain Tap Fitted	✓	
Complete with Lid and Basket	✓	
Dimensions	External (mm)	Internal (mm)
External (mm)	380w x 290d x 330h	575w x 355d x 330h
Internal (mm)	300w x 215d x 200h	475w x 270d x 200h
Basket Internal (mm)	250w x 195d x 135h	450w x 255d x 135h

# Boiling Baths

## NE1BD Digital Boiling Baths



This range of boiling baths has been enhanced to include drain tap and clear lift off lid. Designed for applications that require continuous boiling. This bath also has the flexibility where the control can be regulated from a gentle simmer to a vigorous boil. Constant level device fitted on some models.

**Temp. Range** - Simmer 80°C to boiling at 105°C.

**Temp. Control** - Digital, LED display showing actual or set, resolution 1°C.

Available in 14, 18 and 28 litres. Drain tap and lid fitted.



## NE1B Analogue Boiling Baths



Fitted with a sheathed immersion element. With the heater directly immersed in water it provides rapid boiling.

A standard feature is a constant level device, which maintains a fixed level of liquid thereby eliminating the need to regularly top up the bath.

**Temp. Range** - Simmer to boiling at 100°C

**Temp. Control** - Featuring an energy regulator which controls the amount of boiling from a gentle simmer to vigorous boil.

Available in 14, 18 and 28 litres. Drain tap and lid fitted.



## 1100 Series Rectangular Boiling Baths

Rectangular boiling baths available in a choice of aluminium or stainless steel are both electrically heated.



**E-Range** – The bath provides constant boiling water for gentle heating of samples.

**ER-Range** – Features a built-in energy regulator, which controls the amount of boiling in a bath from a gentle simmer to a vigorous boil.

Constant level device fitted as standard feature.



# HP1 Analogue Hotplates

Analogue hotplates feature a generous working area, thermostatically controlled, with an illuminated on/off switch, heater and hot warning indicator.

Featuring a hob surface, which is solid aluminium, 12mm thick for excellent thermal properties and uniform heat distribution over its working area. This overlaps the body to ensure that no spillages enter the controls.

Painted surfaces and the control panel have an antibacterial protection which is chemical resistant and is wipe clean. Hob temperature can be adjusted using the control dial.



Product Code	HP1-1	HP1-2	HP1-3
Temp. Range		Ambient +10° - 320°C	
Temp. Control		Analogue dial pointer	
Sensitivity		±10°C at 150°C	
Hob Max. Load		8kg at maximum 300°C	
Retort Points	Single M10 fixing point, rear hotplate	Double M10 fixing points, rear hotplate	
Heater Power (220-240V)	1000W	2000W	2400W
Voltage		230V	
Dimensions			
External (mm)	325w x 260d x 200h	477w x 325d x 200h	706w x 325d x 200h
Hob Dimensions (mm)	305w x 240d	457w x 305d	686w x 305d

# HP1D Digital Hotplates

Digital hotplate features a precision PID control providing accurate temperature setting and control, for refined hotplate sensitivity. Temperature and time settings are retained in memory, even after power off.

Featuring a hob surface, which is solid aluminium, 12mm thick for excellent thermal properties and uniform heat distribution over its working area. This overlaps the body to ensure that no spillages enter the controls.



Product Code	HP1-1D	HP1-2D	HP1-3D
Temp. Range	Ambient +10° - 350°C		
Temp. Control	PID Digital, LED display, resolution 1°C		
Temp. Alarm	Over temperature alarm is automatically set 10°C above set point		
Sensitivity/Uniformity	±0.5°C at 60°C / ±0.5°C at 60°C		
Timer	Variable, 00:01 to 99:59 (hh:mm)		
Hob Max. Load	8kg at maximum 300°C		
Retort Points	Single M10 fixing point, rear hotplate	Double M10 fixing points, rear hotplate	
Heater Power (220-240V)	1000W	2000W	2400W
Voltage	230V		
<b>Dimensions</b>			
External (mm)	325w x 260d x 200h	477w x 325d x 200h	706w x 325d x 200h
Hob Dimensions (mm)	305w x 240d	457w x 305d	686w x 305d

# NE9S Digital Lab Ovens

Clifton lab ovens feature intuitive easy to use controls with a bold illuminated LED display, offering precise temperature control from ambient +5°C to 300°C with timer functions.

These lab ovens can run at set temperature immediately, use run back timer or enable a delay start feature. Can be configured for gravity convection or with variable fan speed providing forced air circulation within the chamber.



Product Code	NE9-15S	NE9-32S	NE9-56S	NE9-112S		
Chamber Capacity	15 Litres	32 Litres	56 Litres	112 Litres		
Temp. Range	Ambient +5° - 300°C					
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C					
Temp. Alarm	Over temperature alarm is automatically set 5°C above set point					
Temp. Sensor	pt100 with control diagnostics at power up					
Temp. Fluctuation	±0.4°C at 150°C					
Shelves Fitted & Max.	1 wire / 3 max		2 wire / 5 max	2 wire / 8 max		
Heater Power (220-240V)	1050W	1100W	2150W			
Voltage	230V 50-60Hz					
<b>Dimensions</b>						
External (mm)	520w x 390d x 600h	600w x 460d x 680h	600w x 605d x 720h	600w x 660d x 980h		
Internal (mm)	320w x 180d x 240h	400w x 250d x 320h	400w x 400d x 360h	400w x 450d x 620h		

Product Code	NE9-240S	NE9-400S	NE9-750S
Chamber Capacity	240 Litres	400 Litres	750 Litres
Temp. Range	Ambient +5° - 300°C		
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C		
Temp. Alarm	Over temperature alarm is automatically set 5°C above set point		
Temp. Sensor	pt100 with control diagnostics at power up		
Temp. Fluctuation	±0.4°C at 150°C	±0.8°C at 150°C	
Shelves Fitted & Max.	3 wire / 10 max	3 wire / 14 max	5 wire / 16 max
Heater Power (220-240V)	3200W	4250W	5250W
Voltage	230V 50/60Hz blue power plug 2P+E		
<b>Dimensions</b>			
External (mm)	800w x 720d x 1160h	1000w x 720d x 1470h	1240w x 810d x 1625h
Internal (mm)	600w x 510d x 800h	800w x 510d x 1040h	1040w x 600d x 1200h

# NE8S Digital Lab Incubators

Easy to use controls with a bold illuminated LED display, offering precise temperature control from ambient +5°C to 100°C with timer function. Ideal for microbiology.



These digital scientific incubators can run at set temperature immediately, use run back timer or enable a delay start feature. Can be configured for gravity convection or with variable fan speed providing forced air circulation within the chamber.



Product Code	NE8-15S	NE8-32S	NE8-56S	NE8-112S
Chamber Capacity	15 Litres	32 Litres	56 Litres	112 Litres
Temp. Range	Ambient +5° - 100°C			
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C			
Temp. Alarm	Over temperature alarm is automatically set 5°C above set point			
Temp. Sensor	pt100 with control diagnostics at power up			
Temp. Fluctuation	±0.2°C at 37°C			
Shelves Fitted & Max.	1 wire / 3 max	2 wire / 5 max	2 wire / 8 max	
Heater Power (220-240V)	450W			1100W
Voltage	230V 50-60Hz			
<b>Dimensions</b>				
External (mm)	520w x 390d x 600h	600w x 460d x 680h	600w x 605d x 720h	600w x 660d x 980h
Internal (mm)	320w x 180d x 240h	400w x 250d x 320h	400w x 400d x 360h	400w x 450d x 620h

Product Code	NE8-240S	NE8-400S	NE8-750S
Chamber Capacity	240 Litres	400 Litres	750 Litres
Temp. Range	Ambient +5° - 100°C		
Temp. Control	PID Digital, LED display showing actual or set temperature, resolution 0.1°C		
Temp. Alarm	Over temperature alarm is automatically set 5°C above set point		
Temp. Sensor	pt100 with control diagnostics at power up		
Temp. Fluctuation	±0.2°C at 37°C		±0.4°C at 37°C
Shelves Fitted & Max.	3 wire / 10 max	3 wire / 14 max	5 wire / 16 max
Heater Power (220-240V)	1100W	2150W	2200W
Voltage	230V 50/60Hz		
<b>Dimensions</b>			
External (mm)	800w x 720d x 1160h	1000w x 720d x 1470h	1240w x 810d x 1625h
Internal (mm)	600w x 510d x 800h	800w x 510d x 1040h	1040w x 600d x 1200h

# Targa Benchtop Centrifuge

Targa centrifuge is designed to suit a variety of applications in multiple markets. Ideal for educational use.

The high quality product is compact and robust, making it ideal for routine low speed centrifugation. Perfect for fractionation of samples and simple separation of biological cells.

Constructed with a power coated durable steel body. The rotor is removable for easy cleaning and push button control panel is wipe clean.

Supplied with six place angle rotor, which includes six aluminium buckets and six 15ml clear tubes. A rubber seal provides a barrier when the lid is locked in position.



The Clifton targa centrifuge includes a timer for rotor operation up to 100 minutes or for continuous use.

Product Code	NE 010G
Rotor Type	Supplied with angle head rotor, 6 aluminium buckets and 6 x 15ml clear tubes
Capacity	Tube dimensions: 6 x 15ml maximum
Max. Rotor Speed	4000 rpm
Max. RCF	2075 g
Program Memory	10
Maximum Radius	130 mm
Power Consumption	440 W
Voltage	230V 50-60Hz
Timer	✓
Operation	Digital LED display rotor speed in rpm or rcf and timer in minutes or seconds. Start stop button lid release button
Dimensions	
External (mm)	296w x 412d x 206h

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