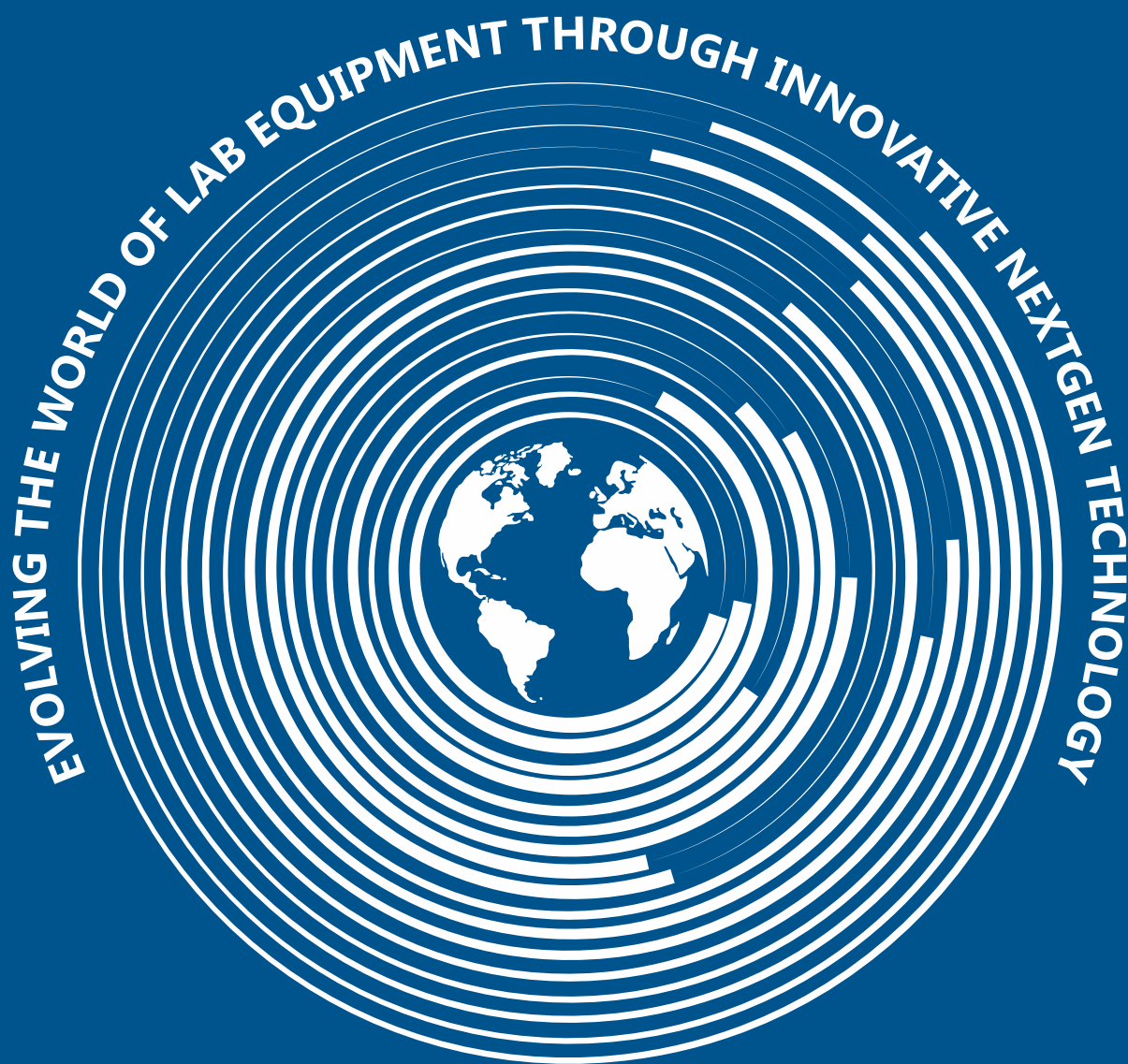


NEUATION

TECHNOLOGIES





Welcome to the world of **next generation bench-top lab equipment**

Great minds, driven by passion and knowledge, require a dependable partner that can reach up to their level and just like them, perform brilliantly whenever opportunity emerges.

Neuation Technologies is on a mission to provide such great minds with a perfect lab partner which is flawless at what it does. With a strong focus on user-centric design, we have created a range of cutting-edge bench-top devices that offer the perfect blend of innovation, precision, user efficiency and durability.



iFuge M08

Smart Personal Centrifuge



**Max. 6000 RPM,
8 x 1.5 / 2 ml**

- ♦ Compact design with better airflow, efficiency and low heat generation
- ♦ Electronic safety brake
- ♦ Digital display
- ♦ Rotor options :
8 X 1.5 / 2 ml and PCR strips

iFuge BL08 VT

Smart Personal Centrifuge (Microprocessor Controlled)



**Max. 6000 RPM,
8 x 1.5 / 2 ml**

- ♦ Variable speed and time setting
- ♦ Automatic imbalance detection
- ♦ Unparalleled accuracy of
+ / - 25 RPM
- ♦ Electronic safety brake
- ♦ Brushless DC motor
- ♦ Rotor options :
8 X 1.5 / 2 ml and PCR strips

iFuge M15K

Table Top Genius



**Max. 15000 RPM (15596g)
12 X 1.5 / 2 ml**

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Quick and convenient HMI
- ♦ Automatic imbalance detection
- ♦ Rotor options :
12 X 1.5 / 2 ml tube,
2 X 8 X 0.2 ml strip and
24 X 40 mm capillary tube

iFuge M12P

High Speed Micro Centrifuge



**Max. 15000 RPM (15596g)
12 x 1.5 / 2 ml**

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Superior airflow design
- ♦ Quick and convenient HMI
- ♦ Robust structure with two shell metal enclosure
- ♦ Optional USB connectivity
- ♦ Rotor options :
Autoclavable metal rotor
and PCR rotor

iFuge D12

High Speed Micro Centrifuge



**Max 15000 RPM (15596g),
12 x 1.5 / 2 ml**

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Digital display
- ♦ Lid lock safety
- ♦ Automatic imbalance detection
- ♦ Rotor options :
Hematocrit 24 X 40 mm
capillary tubes and PCR rotor.

iFuge M18

High Speed Micro Centrifuge



**Max 15000 RPM (18262g)
18 x 1.5 / 2 ml**

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Large backlit display
- ♦ Automatic imbalance detection
- ♦ Lid lock safety

iFuge M24PR

Refrigerated Lab Champion



**Max. 15000 RPM (22388g)
44 x 1.5 / 2 ml**

- ♦ Temperature range from -20°C to +40°C
- ♦ Programmable up to 99 programs of 4 lines each
- ♦ Speed, time and temperature settings
- ♦ Stainless steel rotor chamber
- ♦ Brushless DC motor
- ♦ Microprocessor controlled

ROTOR OPTIONS



8 x 5ml (18461 g)



24 x 2ml (21420 g)



44 x 2ml (22388 g)



4PCR Strip (15397 g)

iFuge C4000 / CS03 / CS2P

Clinical Swing Out / Fixed Angle Centrifuge



Max. 4000 RPM

- ♦ Programmable up to 99 programs
- ♦ Automatic imbalance detection with auto cut-off
- ♦ Quick and convenient HMI with speed and time setting
- ♦ Low loading height
- ♦ One touch RPM to RCF conversion and short spin
- ♦ Brushless DC motor

ROTOR OPTIONS

C4000



Swing out rotor
6x10 ml | 2270xg



Fixed angle
8x15ml | 1950xg



Fixed angle
16x10ml | 2180xg

CS2P



Swing out rotor 2 x Microplates

CS03



Swing out rotor 2 x 50 ml

iFuge D06

Doctor Centrifuge



**Max. 6500 RPM,
6 X 15 ml (3784g),
8 X 15 ml (3873g)**

- ♦ Brushless DC motor
- ♦ Adaptors for all standard blood collection tubes
- ♦ Microprocessor controlled
- ♦ Automatic imbalance detection
- ♦ Lid lock safety

iFuge HCT

Hematocrit Centrifuge



**Max. 12000 RPM (14119g)
24 x 75 mm Capillary Tube**

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Automatic imbalance detection
- ♦ Set favourite program
- ♦ Lid lock safety
- ♦ Supplied with reading device

iFuge L400P / L30PR

Versatile Lab Centrifuge Without / With Refrigeration



Max. 4500 RPM

- Brushless DC motor
- Microprocessor controlled
- Automatic imbalance detection
- Selection of acceleration and deceleration rate
- Lid lock safety
- Multiple swing and fixed angle rotor option
- Temperature range from -10°C to +40°C (For L30PR)

MULTIPLE ROTOR OPTIONS

Swing Out Rotors		Fixed Angle Rotors	
Rotor No.	Capacity	Rotor No.	Capacity
L30-125	16 x 15 ml	L30-131	16 x 15 ml
L30-126	12 x 15 ml	L30-132	12 x 15 ml
L30-127	8 x 15 ml	L30-133	8 x 15 ml
L30-128	6 x 50 ml	L30-134	6 x 50 ml
L30-129	4 x 50 ml	L30-135	4 x 50 ml
L30-130	4 x 100 ml	L30-136	4 x 100ml
L30-124	2 Micro plates	L30-137	24 x 15 ml
		L30-138	30 x 15 ml

iFuge UC01

Universal Lab Centrifuge



Max. 15000 RPM (18270g)

- Brushless DC motor
- Microprocessor controlled
- Variable speed and time setting
- Automatic imbalance detection
- Lid lock safety
- Store up to 99 programs
- 11 Optional rotors

Rotor Name	Max Speed (RPM)	Max RCF x g
6x10ml Swing-out Rotor (100mm tube)	4000	2270
6x10ml Swing-out Rotor (75mm tube)	4000	1840
8x15ml Fix angle Rotor	5000	3050
16x10ml Fix angle Rotor	5000	3400
3x50ml Swing-out Rotor	3200	1480
2x96 well PCR plate Rotor	2200	560
18x2ml tube Rotor	15000	18270
12x2ml tube Rotor	15000	15750
2 strip PCR Rotor	15000	13260
24x75mm - Haematocrit Rotor	12000	14220
10x5ml Rotor	13500	15920
24x2ml & 0.2ml PCR combined Rotor	13000	16260

iFuge UC02

Universal Lab Centrifuge



Max. 15000 RPM (22388g)

- BLDC Motor
- Microprocessor controlled
- Large back - lite LCD display
- Auto rotor detection
- Accommodates up to 16 different rotors
- Max. Capacity 4 x 100 ml (Swing out & Fixed angle)

MULTIPLE ROTOR OPTIONS

Fixed Angle Rotors			Swing Out Rotors		
Capacity	RPM	RCF	Capacity	RPM	RCF
24 x 2 ml	15000	21420	4 x 100 ml	4500	3164
4 x 8 PCR	15000	15397	4 x 50 ml	4500	3485
8 x 5 ml	15000	18461	16 x 15 ml	4500	3485
44 x 2 ml	15000	22388	32 x 10 ml	4500	3164
4 x 100 ml	6000	4628	2 x Microplates	4500	2377
4 x 50 ml	6000	4750			
6 x 15 ml	6000	4910			
16 x 15 ml	6000	4910			
24 x 15 ml	6000	5070			
30 x 15 ml	6000	4870			

iSwix VT

Digital Vortex Mixer



Max. 4200 RPM, 4 mm Ø

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Auto adjustment to achieve the speed for different load condition
- ♦ Choose between touch, continuous and stand-by mode
- ♦ Set time from 1 - 999 minutes and continuous mode.
- ♦ IP 42 compliant design
- ♦ Also available as analog version - iSwix (2800 RPM)

iSwix / iSwix VT

STANDARD ATTACHMENT



Round Disc

OPTIONAL ATTACHMENTS



Micro Centrifuge Tube
20 x 1.5/2ml



96 Well
Micro Plate



Flask



Cup
Attachment

iSwix MV

Digital Multi Tube Vortexer



Max. 2500 RPM, 4mm Ø

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Programmable pulse mode function
- ♦ Variable speed and time setting

STANDARD ATTACHMENTS



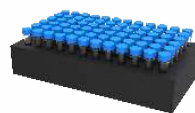
15ml x 45 tubes



7ml x 60 tubes



50 ml x 18 tubes



1.5/2 ml x 72 tubes



7 x 50 ml
Quechers assay



250 ml x 6 flasks

iSwix Jr. / Jr. VT

Mini Vortex Mixer

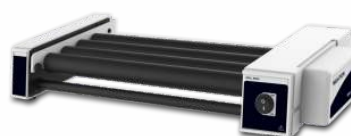


Max. 4500 RPM, 4.5 mm Ø

- ♦ Die cast base, no walking issue
- ♦ Unique suspension design
- ♦ 3500 RPM - iSwix Jr. (Fixed Speed)
- ♦ 4500 RPM - iSwix Jr. VT (Variable Speed)
- ♦ Brushless DC motor (iSwix Jr. VT)

iRoll RnR4

Tube Roller



Max. 30 RPM, 9 x 5 ml

- ♦ Gentle rocking and rolling motion for optimum mixing
- ♦ Speed accuracy of + / -2 RPM
- ♦ Tool free removal / installation of roller
- ♦ IP class 21
- ♦ Infinite / continuous mode of operation

iRoll RnR6

Digital Tube Roller



Max. 80 RPM, 15 x 5 ml

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Unique run-pause-run programmable pulse mode
- ♦ Infinite / continuous mode of operation
- ♦ Set - up to 9 defined program
- ♦ Variable speed setting from 10 - 80 RPM with accuracy of + / -1 RPM

iRoll DR24

Digital Disc Rotator



Max. 80 RPM

- ♦ Brushless DC motor
- ♦ Set up to 9 programs
- ♦ Variable speed (10 - 80 RPM) and timer setting
- ♦ Pulse mode function with CW / CCW mixing
- ♦ Set angle from 0 - 90°
- ♦ Multiple disc attachments for 12 X 50 ml, 24 X 15 ml, 44 X 2 ml

iRoll DR16

Disc Rotator



30 RPM, 12 x 5 ml

- ♦ Gentle rotatory motion
- ♦ Fixed speed of 30 RPM with accuracy of + / -2 RPM
- ♦ Fixed disc plate angle of 38°
- ♦ Tool free removal / installation of disc plate
- ♦ Suitable for blood +4 ESR tubes

iRoll PR22

Plate Rotator



30 RPM

- ♦ Speed accuracy of + / -2 RPM
- ♦ Tool free removal / installation of plate
- ♦ Multiple attachments for different tubes 22 X 5 ml, 12 X 15 ml, 4 X 50 ml
- ♦ Noiseless operation

iRoll PR35

Digital Plate Rotator



Max. 80 RPM

- ♦ Brushless DC motor
- ♦ Variable speed from 10 - 80 RPM with accuracy of + / -1 RPM
- ♦ Variable timer setting from 1 - 999 minutes and infinite mode
- ♦ Set - up to 9 programs
- ♦ Multiple plate options for various tube sizes 35 X 15 ml, 16 X 50 ml, 55 X 2 ml
- ♦ Pulse mode function with CW / CCW mixing

iStir Uno / Quattro

Motorless Magnetic Stirrer



**Max. 1500 RPM (Uno),
Max. 1200 RPM (Quattro)**

- ♦ Compact and slim design
- ♦ IP 65 compliant
- ♦ Pulse mode function
- ♦ Variable speed and time setting
- ♦ Corrosion resistant stainless steel top
- ♦ Maintenance free - no moving parts

iStir Uno+ / Penta+ Slim Magnetic Stirrer



Max. 2200 RPM, 10 Ltr.

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Last run memory function
- ♦ Pulse mode function
- ♦ IP 44 compliant
- ♦ Stir up to 2 Ltr. solution per station (iStir Penta+)

iStir MS10 / MS10a Magnetic Stirrer



Max. 2200 RPM, 10 Ltr.

- ♦ Variable speed from 200-2200 RPM (iStir MS10) 400-2200 RPM (iStir MS10a)
- ♦ Digital display (iStir MS10)
- ♦ IP 43 compliant
- ♦ Pulse mode function
- ♦ Non corrosive stainless steel top surface
- ♦ Variable timer setting from 1 - 999 minutes and infinite mode

iStir 25L Magnetic Stirrer



Max. 2200 RPM, 200 Ltr.

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Non corrosive stainless steel top
- ♦ Adjustable speed (200 - 2200 RPM) and timer up to infinite
- ♦ IP21 compliant

iStir 50L / 200L High Capacity Magnetic Stirrer



**Max. 1000 RPM, 50 Ltr.
Max. 600 RPM, 200 Ltr.**

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Set acceleration and deceleration rate
- ♦ Adjustable height support
- ♦ Accuracy of + / -10 RPM
- ♦ Power overload safety feature
- ♦ Pulse mode function

iStir HP 5M / 10M / 15M Multi-Station Digital Hot Plate Stirrers



**Max. 1500 RPM,
400 ml each, 120°C**

- ♦ Brushless DC motor
- ♦ Programmable pulse mode
- ♦ Variable temperature and timer setting
- ♦ IP 42 compliant
- ♦ Available in 5, 10 and 15 position models.
- ♦ Also available in stirrer only version

iStir HP 550 Prime Digital Hot Plate Stirrer



**Max. 2200 RPM, 20 Ltr.,
Up to 550°C**

- ♦ Microprocessor controlled
- ♦ 3 heating mode - rapid, gradual and accurate
- ♦ Chemical / splash proof ceramic plate
- ♦ Highly chemical inert body
- ♦ Safe temperature setting up to 575°C

iStir HP 350 / 550

Digital Hot Plate Magnetic Stirrer



Max. 2200 RPM, 20 Ltr.,

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Constant speed across diverse loads and viscosity
- ♦ Slip detection mode
- ♦ Safe temperature setting
- ♦ 3 heating mode - rapid, gradual and accurate
- ♦ 99 user defined programming

iStir HP 320a

Hot Plate Stirrer



**Max. 2200 RPM,
10 Ltr., 320°C**

- ♦ Compact design
- ♦ Plug and play operation
- ♦ Variable speed from 500 - 2200 RPM
- ♦ Optional multiple reaction blocks

iStir HP 320

Digital Hot Plate Stirrer



**Max. 2200 RPM,
10 Ltr., 320°C**

- ♦ Microprocessor controlled
- ♦ Set temperature by plate or by probe
- ♦ Choose between ceramic coated, stainless steel or aluminium top plates
- ♦ Variable speed and timer setting
- ♦ Safe temperature circuit

iStir OH Jr.

Slim Overhead Stirrer



**Max. 2200 RPM,
10 Ltr., 10 Ncm**

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Plug and play operation
- ♦ Viscosity up to 1,000 mPas
- ♦ IP class 42 compliant

iStir OH Prime

Overhead Stirrer



**Max. up to 2000 RPM,
40 Ltr., 40 Ncm**

- ♦ Brushless DC motor
- ♦ Viscosity up to 30,000 mPas
- ♦ Variable speed and timer setting
- ♦ Safety cut for overload, over current and over temperature
- ♦ IP 54 compliant
- ♦ Smart control setting

iStir OH Elite

Overhead Stirrer



**Max. up to 2000 RPM,
100 Ltr., 100 Ncm**

- ♦ Smart control stirring
- ♦ Power intermittent mode
- ♦ Viscosity up to 70,000 mPas
- ♦ Variable timer setting
- ♦ Safety cut for overload, over current and over temperature

iShak BL Uno VT

Digital Microplate Shaker



Max. 1800 RPM, 2 mm Ø

- ♦ Brushless DC motor
- ♦ Easy loading clamps
- ♦ Even orbital motion
- ♦ Includes attachment for 20 X 2 ml tubes
- ♦ Optional USB connectivity

iShak Quattro

Digital 4 Plate Shaker



Max. 1200 RPM, 3 mm Ø

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Pulse mode and favourite setting
- ♦ Variable speed and time setting
- ♦ Accommodates 4 skirted micro-plates

iShak 3D-5

Digital 3D Shaker



Max. 120 RPM

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ 3D rocking / tumbling motion at 7°
- ♦ Variable speed and time setting
- ♦ Unique run-pause-run pulse mode
- ♦ Different tubes from 20 X 15 ml, 16 X 50 ml

iShak TS4

4 Plate Incubating Shaker



Max. 1200 RPM, 3 mm Ø, 70°C

- ♦ Incubation range from ambient to 70°C
- ♦ Microprocessor controlled
- ♦ Brushless DC motor
- ♦ Programmable pulse mode
- ♦ Accommodates up to 4 skirted micro-plates

iShak IS20

Digital Incubating Shaker



Max. 500 RPM, 20 mm Ø, 80°C

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Save up to 6 programs with 9 sub-programs each
- ♦ Safe temperature setting up to 90°C
- ♦ Orbital motion of 20 mm

iShak PS 10/20

Multipurpose Platform Shaker



Max 500 RPM, 10 mm Ø (PS10), Max 300 RPM, 20 mm Ø (PS20)

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ IP 21 compliant
- ♦ Available in Orbital or Linear motion
- ♦ Program mode for motion, direction, speed, time, dwell time, loop operation and sequence

iShak US15

Universal Platform Shaker



Max. 300 RPM, Max. 70 mm Ø

- ◆ Brushless DC motor
- ◆ Microprocessor controlled
- ◆ Shake mass up to 15 Kg
- ◆ Variable orbital diameter from 30 - 70 mm
- ◆ Save up to 6 programs with 9 sub-programs each
- ◆ Program mode for motion, direction, speed, time, dwell time, loop operation and sequence

iRupt Jr.

Mini Cell Homogenizer

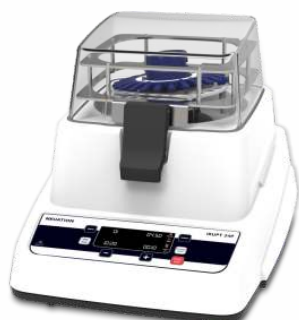


Max. 4000 RPM, 3 x 2 ml

- ◆ Variable speed from 2800 to 4000 RPM
- ◆ Pulse mode function
- ◆ Variable cyclic intervals
- ◆ Compact and light weight
- ◆ Powerful motor to homogenize most challenging samples
- ◆ Lid lock safety

iRupt 24P

Cell / Tissue Homogenizer



Max. 4550 RPM

- ◆ Brushless motor
- ◆ Microprocessor controlled
- ◆ Variable speed from 490 to 4550 RPM
- ◆ Save up to 99 programs
- ◆ Variable cyclic intervals
- ◆ Different tube sizes 24 X 1.5 / 2 ml, & 12 X 7 ml

iTherm CH25

Cooling - Heating Incubator



Temperature Range From Ambient +5°C to 60°C, 25L

- ◆ Digital temperature control
- ◆ 25 ltr. space for incubation of plates and flask
- ◆ Internal power outlet for small shaker mixer and other instruments
- ◆ Accommodates up to 2 ltr. flask
- ◆ Compact footprint

iTherm D150-2

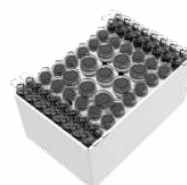
Double Block Dry Bath



Temperature Range From Ambient +5°C to 120°C

- ◆ Compact dual block design
- ◆ Microprocessor controlled
- ◆ Temperature setting
- ◆ Corrosion free SS top and heating wells
- ◆ Save up to 99 programs
- ◆ Choose from 4 types of reaction blocks
- ◆ Temperature uniformity of $\pm 0.3^{\circ}\text{C}$
- ◆ Temperature Accuracy of $\pm 0.2^{\circ}\text{C}$

OPTIONAL ATTACHMENTS



Hybrid Block



12 x 15ml Block



5 x 50ml Block



28 x 1.5/2ml Block

