

*Accumax*

**NEUATION**  
TECHNOLOGIES



EVOLVING THE WORLD OF  
**LAB EQUIPMENT**  
THROUGH INNOVATIVE  
NEXTGEN TECHNOLOGY

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## 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, a perfect lab partner which is flawless. 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 / M08VT / BL08VT

Smart Personal Centrifuge



**Max. 6000 RPM,  
8 x 1.5 / 2 ml  
2 x 8 x 0.2 ml PCR Strips**

- ♦ Patented magnetic design for tool-free rotor removal
- ♦ Rotor with closed construction for better airflow, increased efficiency and low heat generation
- ♦ Electronic safety brake
- ♦ Robust body design for long term sturdy performance

## iFUGE M5K Combi

The Combi Centrifuge



**Max. 5500 RPM (2084g),  
12 x 2 ml + 4 x 8 x 02 ml  
Micro tube & PCR strip**

- ♦ Electronic safety brake on lid opening for user safety
- ♦ Starts and stops in seconds
- ♦ Smooth and silent, discreet running
- ♦ Small footprint can be fit in hoods & small work places
- ♦ Low voltage power consuming device

## iFUGE M15K

High Speed Personal Centrifuge



**Max. 15000 RPM (15596g),  
12 X 1.5 / 2 ml  
2 x 8 x 0.1 / 0.2 ml PCR strip**

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Quick and convenient user interface
- ♦ Automatic imbalance detection

## 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 user interface
- ♦ Robust structure with two shell metal enclosure
- ♦ Optional USB connectivity
- ♦ Autoclavable metal rotor
- ♦ Rotor options :  
12 X 1.5 / 2 ml tube,  
2 X 8 X 0.1 / 0.2 ml PCR strip

## iFUGE D12

Table Top Genius



**Max. 15000 RPM (15596g),  
12 x 1.5 / 2 ml  
2 x 8 x 0.1 / 0.2 ml PCR strip  
24 x 40 mm capillary tubes**

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

## iFUGE HCT NXT

Hematocrit Centrifuge



**Max. 12000 RPM (14118g),  
24 x 75 mm Capillary Tube**

- ♦ Brushless DC motor
- ♦ Microprocessor controlled
- ♦ Automatic imbalance detection
- ♦ Favourite program setting
- ♦ Lid lock safety
- ♦ Supplied with capillary reading device



## iFUGE M24PR

Refrigerated Lab Champion



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

- ◆ Refrigerating temperature ranges up to -20°C
- ◆ Programmable up to 99 programs with 4 lines each
- ◆ Stainless steel rotor chamber
- ◆ Brushless DC motor
- ◆ Microprocessor controlled

## ROTOR OPTIONS



24 x 2ml (21420g)



44 x 2ml (22388g)



8 x 5ml (18461g)



4PCR Strip (15397g)

## iFUGE D06

Doctor Centrifuge



**Max. 6500 RPM,  
6 X 15 ml (3684g),  
8 X 15 ml (3873g)**

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

## iFUGE D08

Doctor Centrifuge with Combi Rotor



**Max. 4500 RPM (1985g)  
4 x 50 + 4 x 15ml or  
8 x 15 ml**

- ◆ Brushless DC motor
- ◆ Imbalance detector
- ◆ Silent operation programming option
- ◆ Lid lock safety
- ◆ Emergency lid release during power failure

## iFUGE FX2P

Fixed Angle Plate Centrifuge



**Max. 2500 RPM (560g),  
2 microplate 96 & 384 PCR tubes**

- ◆ Compact vertical fixed angle design with low loading height for ease of operation
- ◆ Automatic Lid Opening Upon Completion Of Run
- ◆ One Touch Short Spin Operation & Change Over From RPM To RCF
- ◆ P1 & P2 Program Options
- ◆ Compatible With All Types 96 & 384 Wells Microplates.
- ◆ Timer Setting From 1 To 99 Mins & infinite

## iFUGE L400P / L400R

Versatile Lab Centrifuge Without / With Refrigeration



**Max. 4500 RPM (3164g),  
4 x 100 ml**

- ◆ Brushless DC motor
- ◆ Microprocessor controlled
- ◆ Automatic imbalance detection
- ◆ Selectable 9 acceleration and 11 deceleration rate
- ◆ Lid lock safety
- ◆ Multiple swing out and fixed angle rotor option
- ◆ Refrigerating temperature range up to -10°C (For L400R)
- ◆ Condensation drainage line (For L400R)

### MULTIPLE ROTOR OPTIONS

Swing Out Rotors	
Capacity	RCF x g
16 x 15 ml	3485
4 x 50 ml	3485
4 x 100 ml	3164
32 x 6 ml	3164
2 Micro plates	2377

Fixed Angle Rotors	
Capacity	RCF x g
16 x 15 ml	3144
4 x 50 ml	2644
4 x 100 ml	2559
24 x 15 ml	2852

## iFUGE L1000

The Versatile Lab Genius Centrifuge



**Max. 4200 RPM (3181g),  
4 x 250 ml**

- ◆ Brushless DC motor
- ◆ Microprocessor controlled
- ◆ Automatic imbalance detection
- ◆ 9 selectable acceleration and 11 deceleration rate
- ◆ Lid lock safety
- ◆ Multiple swing out and fixed angle rotor option

### MULTIPLE ROTOR OPTIONS

Swing Out Rotors	
Capacity	RCF x g
4 x 50 ml	2884
4 x 100 ml	2766
4 x 250 ml	3181
16 x 15 ml	2884
32 x 6 ml	2766
64 x 6 ml	3181
2 Micro plates	2074

Fixed Angle Rotors	
Capacity	RCF x g
4 x 50 ml	2331
4 x 100 ml	2272
6 x 50 ml	2410
16 x 15 ml	2410
24 x 15 ml	2489

## iFUGE UC02/UC02R

Universal Lab Centrifuge



**Max. 15000 RPM (22388g),  
4 x 100 ml**

- ◆ Brushless Motor
- ◆ Microprocessor controlled
- ◆ Auto rotor detection
- ◆ Refrigerating temperature range up to -10°C (For UC02R)
- ◆ Condensation drainage line (For UC02R)
- ◆ Multiple swing out and fixed angle rotor option
- ◆ Automatic imbalance detection
- ◆ Programmable up to 99 programs with 4 lines each

### MULTIPLE ROTOR OPTIONS

Swing Out Rotors		
Capacity	RPM	RCF x g
4 x 100 ml	4500	3305
4 x 50 ml	4500	3305
16 x 15 ml	4500	3305
32 x 6 ml	4500	3164
2 x Microplates	4500	2377

Fixed Angle Rotors		
Capacity	RPM	RCF x g
24 x 2 ml	15000	21420
4 x 8 x 0.2 PCR	15000	15397
8 x 5 ml	15000	18461
44 x 2 ml	15000	22388
4 x 100 ml	6000	4628
4 x 50 ml	6000	4750
6 x 50 ml	6000	4910
16 x 15 ml	6000	4910
24 x 15 ml	6000	5070



## iSWIX FS / iSWIX / iSWIX VT

Vortex Mixer



**Max. 4200 RPM, 4 mm Ø**

- ◆ Brushless DC motor
- ◆ Microprocessor controlled
- ◆ Speed adjustment for different loads
- ◆ Choose between touch, continuous and stand-by mode
- ◆ Set time from 1 - 999 minutes and continuous mode.
- ◆ IP 42 compliant design
- ◆ Also available in analog variant - iSWIX (2800 RPM) iSWIX FS (2800 RPM) Fixed speed

### STANDARD ATTACHMENT



Rubber disk attachment



Cup Attachment

### OPTIONAL ATTACHMENTS



Micro Centrifuge Tube  
20 x 1.5/2ml



96 Well Micro Plate



Flask



Round Disc

## iSWIX MV

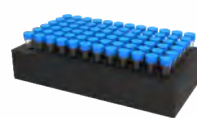
Digital Multi Tube Vortexer



**Max. 2500 RPM, 4mm Ø**

- ◆ Brushless DC motor
- ◆ Microprocessor controlled
- ◆ Programmable pulse mode
- ◆ Variable speed and time setting
- ◆ CW/CCW motion for effective mixing

### STANDARD ATTACHMENTS



72 x 1.5/2 ml tubes



60 x 7 ml tubes



45 x 15 ml tubes



18 x 50 ml tubes



6 x 250 ml flasks

Optional Attachment



7 x 50 ml Quechers assay

## iSWIX JR. / iSWIX JR. NXT

Mini Vortex Mixer



**Max. 4500 RPM, iSWIX JR.  
Max. 4200 RPM, iSWIX JR. NXT**

- ◆ DC motor
- ◆ Die cast base, no walking issue (iSWIX JR.)
- ◆ Unique suspension design
- ◆ Fixed Speed 4500 RPM (iSWIX JR.)
- ◆ Fixed Speed 4200 RPM (iSWIX JR. NXT)
- ◆ Small footprint

## iSWIX JR. VT / iSWIX JR. VT NXT

Mini Vortex Mixer



**Max. 4500 RPM, iSWIX JR. VT  
Max. 4200 RPM, iSWIX JR. VT NXT**

- ◆ Brushless DC motor (iSWIX JR. VT)
- ◆ DC motor (iSWIX JR. VT NXT)
- ◆ Die cast base, no walking issue (iSWIX JR. VT)
- ◆ Unique suspension design
- ◆ Variable Speed 2000-4500 RPM (iSWIX JR. VT)
- ◆ Variable Speed 2000-4200 RPM (iSWIX JR. VT NXT)
- ◆ Small footprint

## iROLL RNR4

Tube Roller



**Max. 30 RPM, 9 x 5 ml**

- ◆ Gentle rocking and rolling motion for optimum mixing
- ◆  $\pm 2$  RPM speed accuracy
- ◆ Tool free roller removal & installation for easy cleaning
- ◆ Accommodates various tube sizes
- ◆ IP 21 compliant design
- ◆ 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 user defined program
- ◆ Tool free roller removal & installation for easy cleaning
- ◆ Variable speed setting from 10 to 80 RPM with an accuracy of  $\pm 1$  RPM

## iROLL DR24

Digital Disc Rotator



**Max. 80 RPM, 24 x 15 ml**

- ◆ Brushless DC motor
- ◆ Set up to 9 user defined programs
- ◆ Variable speed (10 - 80 RPM) and timer setting
- ◆ Pulse mode function with CW / CCW mixing
- ◆ Set angle from  $0^\circ$  to  $90^\circ$
- ◆ Multiple optional attachments for 12 X 50 ml, 24 X 15 ml, 44 X 2 ml tubes

## iROLL PR35

Digital Plate Rotator



**Max. 80 RPM, 35 X 15 ml**

- ◆ Brushless DC motor
- ◆ Variable speed from 10 to 80 RPM with an accuracy of  $\pm 1$  RPM
- ◆ Variable timer setting from 1 to 999 minutes and infinite mode
- ◆ Set up to 9 user defined programs
- ◆ Pulse mode function with CW / CCW mixing
- ◆ Multiple optional attachments for 35 X 15 ml, 16 X 50 ml, 55 X 2 ml tubes

## iSTIR UNO / QUATTRO

Motorless Magnetic Stirrer



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

- ◆ Compact and slim design
- ◆ Capacity of  
1 x 800 ml (iStir Uno)  
4 x 500 ml (iStir Quattro)
- ◆ IP 65 compliant design
- ◆ Pulse mode function
- ◆ Variable speed and time setting
- ◆ Corrosion resistant stainless steel top
- ◆ Truly maintenance free - no moving parts



## 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 design
- ◆ Available in 5, 10 and 15 position models

## iSTIR 50L / 100L / 200L

High Capacity Magnetic Stirrer



**Max. 1000 RPM, 50 Ltr.  
Max. 800 RPM, 100 Ltr.  
Max. 600 RPM, 200 Ltr.**

- ◆ Brushless DC motor
- ◆ Microprocessor controlled
- ◆ Set acceleration rate
- ◆ Adjustable height support
- ◆ Accuracy of  $\pm 10$  RPM
- ◆ Power overload safety feature
- ◆ Pulse mode function

## iSTIR HP 320A

Hot Plate Stirrer



**Max. 2200 RPM,  
10 Ltr., 320°C**

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

## iSTIR HP 350 / 550 PRIME

Digital Hot Plate Stirrer



**Max. 2200 RPM, 20 Ltr.,  
Up to 350°C / 550°C**

- ◆ Microprocessor controlled
- ◆ Chemical / splash proof ceramic plate
- ◆ 5 heating mode
- ◆ Highly chemically inert composite material body
- ◆ Safe temperature setting up to 575°C
- ◆ Power intermittent mode

## iSTIR HP 320

Digital Hot Plate Stirrer



**Max. 2200 RPM,  
10 Ltr., 320°C**

- ◆ Microprocessor controlled
- ◆ Set temperature by plate or by probe
- ◆ Variable speed and timer setting
- ◆ Safe temperature setting
- ◆ Optional multiple reaction blocks available

## 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 42 compliant design



## iSTIR OH PRIME

Overhead Stirrer



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

- ◆ Brushless DC motor
- ◆ Viscosity up to 30,000 mPas
- ◆ Unique Smart control stirring for continuous stirring at changing viscosity
- ◆ Variable speed and timer setting
- ◆ Safety cut for overload, over current and over temperature
- ◆ IP 54 compliant design

## iSTIR OH ELITE

Overhead Stirrer



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

- ◆ Brushless DC motor
- ◆ Microprocessor controlled
- ◆ Unique Smart control stirring for continuous stirring at changing viscosity
- ◆ 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

## iSHAK QUATTRO NXT

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 / deepwell plates
- ◆ Highly chemically inert composite material body

## iSHAK TS4 NXT

4 Plate Incubating Shaker



**Max. 1200 RPM,  
3 mm Ø, 70°C**

- ◆ Incubation range from ambient + 3°C to 70°C
- ◆ Microprocessor controlled
- ◆ Brushless DC motor
- ◆ Programmable pulse mode
- ◆ Accommodates up to 4 skirted micro-plates
- ◆ Highly chemically inert composite material body

## iSHAK 3D-5 NXT

Digital 3D Shaker



**Max. 120 RPM, 5 kgs**

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



## 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 design
- ◆ Available in Orbital or Linear motion
- ◆ Program mode for motion, direction, speed, time, dwell time, loop operation and sequence
- ◆ Maximum loading capacity up to 7.5 kgs

## iSHAK US15

Universal Platform Shaker



**Max. 300 RPM, Max. 70 mm Ø**

- ◆ Brushless DC motor
- ◆ Microprocessor controlled
- ◆ Maximum loading capacity up to 15 kgs
- ◆ Variable orbital diameter from 30 to 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

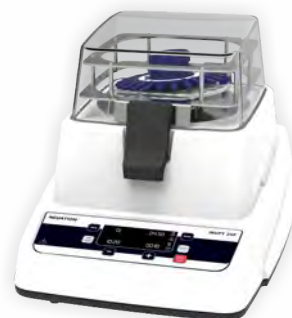


**Max. 4000 RPM, 3 x 2 ml**

- ◆ 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
- ◆ Accommodates different tubes 24 X 1.5 / 2 ml & 12 X 7 ml

## iTHERM CH25

Cooling - Heating Incubator



**Temperature Range  
Ambient <15°C to 60°C, 22Ltr.**

- ◆ Digital temperature control
- ◆ 22 Ltr. space for incubation of plates and flask
- ◆ Internal power outlet for small shakers, mixers & other instruments
- ◆ Accommodates up to 2 Ltr. flask
- ◆ Compact footprint

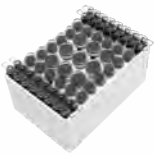
## iTHERM D150-1 / 4 Dry Bath



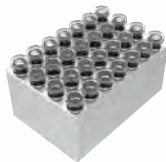
### Temperature Range From Ambient +5°C to 120°C

- ◆ Compact block design
- ◆ Microprocessor controlled Temperature setting
- ◆ Corrosion free heating blocks
- ◆ 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 9 x 1.5 / 2 ml  
+ 20 x 0.5 ml + 8 x 4 x 0.2 ml



28 x 1.5/2 ml Block



Bead block



12 x 15 ml Block



5 x 50 ml Block



28 x 10 mm  
Round bottom tube block

## UPCOMING PRODUCTS

### iFUGE C4000 NXT

Clinical Swing Out /  
Fixed Angle Centrifuge

**Max. 4000 RPM,**  
2 / 3 x 50ml, 6 x 10ml Swing out,  
2 x microplate Swing out,  
8 x 15ml, 16 x 10ml, Fixed angle



### iFUGE M24 NXT

High Speed Micro Centrifuge

**Max. 13400 RPM, 24 x 1.5/2ml,**  
8 x 5ml, 4 PCR strip rotor,  
24 x 75ml capillary tube



### iFUGE L400P NXT

Versatile Lab Centrifuge Without /  
With Refrigeration

**Max. 4500 RPM (3164g),**  
4 x 100 ml



*Accumax*

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