



iFuge M08

Smart Personal Centrifuge

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



- ◆ Unique 8 tube closed rotor - reduces friction & improves motor life
- ◆ Robust lid and hinge design for frequent use
- ◆ Next generation digital display & electronic safety brake
- ◆ Whisper quiet operation

iFuge BLO8VT

Smart Personal Centrifuge

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



- ◆ Digital display with Microprocessor controlled Speed and Time setting
- ◆ 1st in category – imbalance detection safety
- ◆ Unparallel accuracy of +/- 25 RPM
- ◆ Long life BLDC motor with 8 tube closed rotor - Reduces friction & improves motor life

iFuge M12P

High Speed Micro Centrifuge

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



- ◆ Maintenance free BLDC motor with microprocessor control
- ◆ Superior Airflow design for minimal temperature rise in rotor chamber
- ◆ Two shell metal enclosure with lid lock safety
- ◆ Intuitive simple interface for quick and convenient setting
- ◆ USB connectivity for remote operation
- ◆ Autoclavable Metal rotor & PCR rotor(optional)

iFuge D12

High Speed Micro Centrifuge

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



- ◆ Maintenance free BLDC motor drive
- ◆ Imbalance detection & Lid lock safety features
- ◆ Microprocessor controlled with Digital Display
- ◆ Compatible with Hematocrit (24 x 45 mm capillary tubes) & PCR rotor

iFuge M18

High Speed Micro Centrifuge

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



- ◆ Powerful Maintenance free BLDC motor drive
- ◆ Compact unit – takes upto 18 samples at once
- ◆ Dual metal shell design with Imbalance detection & Lid lock safety features
- ◆ Microprocessor controlled with Large Back-lit display
- ◆ Superior Airflow design for minimal temperature rise in rotor chamber
- ◆ Autoclavable Metal rotor & PCR rotor(optional)

iFuge M24PR

Refrigerated Lab Champion

**Max. 15000 RPM (21420g),
24 x 1.5/2ml, (Up to -10°C)**



- ◆ Maintenance free BLDC motor drive
- ◆ Microprocessor controlled speed, time and temperature settings with last run memory feature
- ◆ Large backlit LCD display & compact design
- ◆ Imbalance detection safety
- ◆ User programmable (user can set upto 99 programs of 4 lines each)



iFuge C4000 / iFuge CS03 / iFuge CS2P

Clinical Swing Out / Fixed Angle Centrifuge



Max. 4000 RPM

- ◆ Compact clinical centrifuge with the least footprint
- ◆ Maintenance free BLDC motor drive
- ◆ Programmable - Save & run (upto 99 programs)
- ◆ Lid lock safety - lid opens automatically on run completion
- ◆ Digital display with speed and time setting.

- ◆ Imbalance detection with auto cutoff safety
- ◆ Low loading height for ease of operation
- ◆ One touch RPM to RCF conversion & short spin feature

Model	Rotor Type / Capacity	Max. RPM	Max. RCF
iFuge C4000	1 6 x 10 ml (swing)	4000	2270
	2 16 x 10 ml (fixed angle)	4000	2180
	3 8 x 15 ml (fixed angle)	4000	1950
iFuge CS03	3 x 50 ml (swing)	3200	1470
iFuge CS-2P	2 x Microplates (swing)	2200	560

iFuge D06

Doctor Centrifuge



Max. 6500 RPM (3784g / 3873g), 6 x 15 ml / 8 x 15 ml

- ◆ Powerful maintenance free BLDC motor drive
- ◆ Adaptors for all standard blood collection tubes
- ◆ Microprocessor controlled with large digital display
- ◆ Auto imbalance detection and Lid lock safety
- ◆ Available in 2 rotor-capacity of 6 & 8

iFuge HCT

Haematocrit Centrifuge



Max. 12000 RPM (14,119g), 24 x 75 mm Length Capillary Tube

- ◆ Powerful maintenance free BLDC motor drive
- ◆ Microprocessor controlled with digital display
- ◆ Preset feature : User can set favorite program
- ◆ Auto imbalance detection and Lid lock safety
- ◆ Supplied with reading device

iFuge L400P / L30PR

Versatile Lab Centrifuge with / without Refrigeration



**L400P - 4500 RPM, 4 x 100 ml,
L30PR - 4500 RPM, 4 x 100 ml,
(Up to -10°C)**

- ◆ Microprocessor control with user programming
- ◆ Multiple rotor options - Swing & Fixed angle rotors
- ◆ Selection of acceleration & deceleration rates
- ◆ Imbalance detection feature with auto cut off & Lid lock safety
- ◆ Maintenance free BLDC motor drive
- ◆ Refrigerated Centrifuge maintains -10 °C (L30PR)

MULTIPLE ROTOR OPTIONS

Swing Out Rotors		Fixed Angle Rotors	
Rotor No.	Capacity	Rotor No.	Capacity
L30-125	16 x 15ml	L30-131	16 x 15ml
L30-126	12 x 15ml	L30-132	12 x 15ml
L30-127	8 x 15ml	L30-133	8 x 15ml
L30-128	6 x 50ml	L30-134	6 x 50ml
L30-129	4 x 50ml	L30-135	4 x 50ml
L30-130	4 x 100ml	L30-136	4 x 100ml
L30-124	2 Micro plates	L30-137	24 x 15ml
L30-121	Base mount for Bucket + Adaptor rotor	L30-122	12 x 15ml
L30-121.a	4 x 3 x 15ml (Bucket + Adaptor)	L30-123	6 x 50ml
L30-121.b	4 x 2 x 15ml (Bucket + Adaptor)	L30-138	30 x 15ml
L30-121.c	4 x 50ml (Bucket + Adaptor)		
L30-121.d	4 x 2 x 50ml (Bucket + Adaptor)		

iStir Quattro / iStir Uno

Motorless Magnetic Stirrer



**Max. 1200 RPM,
4 x 400 ml (Quattro)/
Max. 1500 RPM, 800 ml (Uno)**

- ♦ Truly maintenance free - No moving parts
- ♦ Digital display with speed & time setting
- ♦ Pulse mode function for proper mixing
- ♦ IP65 compliant - corrosion resistant stainless steel top
- ♦ Compact and slim design

iStir Uno+ / iStir Quattro+ / iStir Penta+

Slim Magnetic Stirrer



**Max. 2200 RPM,
Up to 10 Ltr.**

- ♦ High capacity maintenance free BLDC motor
- ♦ Microprocessor controlled device with digital display
- ♦ High performance magnetic stirrer with last run memory feature
- ♦ Pulse mode function for proper & thorough mixing

iStir MS10 / MS10a

Magnetic stirrer



**Max. 200-2200 RPM,
10 Ltr.**

- ♦ DC motor for long life
- ♦ Digital Display
- ♦ Protection class Ip43
- ♦ Compact size
- ♦ Easy to operate

iStir HP 5M / iStir HP10M / iStir HP 15M

Multi-Station Digital Hot Plate Stirrers



**Max. 1500 RPM,
400ml each, 120°C**

- ♦ Maintenance free BLDC motor drive
- ♦ Programmable pulse mode
- ♦ Even temperature across plate
- ♦ Spill safe design with water proof heater & hot plate indication
- ♦ Available in 5, 10 & 15 positions models. Also available in stirrer only version.

iStir HP 320

Digital Hot Plate Stirrer



**Max. 2200 RPM,
10 Ltr., 320°C**

- ♦ Powerful motor drive, delivers constant speed
- ♦ Microprocessor controlled with Digital display
- ♦ 3 optional top plates (Ceramic coated, Stainless Steel & Aluminium)
- ♦ Includes PT1000 probe – can set temp by Plate OR probe
- * Also Available in Analog version- iStir HP 320a

iStir HP 550 / iStir HP 350

Digital Hot Plate Stirrer



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

- ♦ Next generation spill safe design equipped with powerful BLDC motor
- ♦ 3 heating modes for rapid, gradual & accurate heating
- ♦ Programmable - set up to 99 user defined programs & pulse mode
- ♦ Thermal shock resistant chemical/splash proof ceramic plate
- ♦ Microprocessor controlled with high accuracy of +/- 1°C & +/- 5 RPM
- ♦ Safe (max) temperature setting feature

**Also available in only stirring
(iStir 2200M) & iTherm P550)**



iStir 50L & 200L

High Capacity Magnetic Stirrer



Max. 600 RPM, 200L
Max. 1000 RPM, 50L

- ◆ Maintenance free BLDC motor drive
- ◆ Microprocessor controlled unit with digital display
- ◆ Flexibility to choose acceleration & deceleration rates
- ◆ Adjustable height - support with support feature
- ◆ Optional remote pendant

iStir OH Jr.

Slim Overhead Stirrer



Max. 2500 RPM,
Up to 10L

- ◆ Maintenance free BLDC motor
- ◆ Max Torque up to 10Ncm
- ◆ Compact & sleek design
- ◆ Variable Speed ranges from 50-2500 RPM
- ◆ Digital Display

iStir OH Prime

Prime Series Of Overhead Stirrers



Max. 2000 RPM, Up to 40L,
Torque 40Ncm

- ◆ BLDC motor drive
- ◆ Large display with time & speed settings
- ◆ Power intermittent mode
- ◆ Smart control stirring
- ◆ Reverse direction - CW/CCW mixing
- ◆ Overload, overcurrent & over-temperature safety
- ◆ IP54 class protected

iStir OH Elite / iStir OH Elite+

Elite Series Of Overhead Stirrers



Max. 2000 RPM, Up to 100L,
Torque-up to 100Ncm

- ◆ BLDC motor drive
- ◆ Large display with time & speed settings
- ◆ Reverse direction - CW/CCW mixing
- ◆ Smart control stirring
- ◆ Power intermittent mode
- ◆ Overload, overcurrent & over-temperature safety
- ◆ IP42 class protected
- ◆ User defined programmable mode*
- ◆ External temp sensor - PT 1000 probe (-10C to 350C)*
- ◆ USB connectivity*

***Additional Features In Elite+**

iShak BL Uno VT

Digital Microplate Shaker



Max.1800 RPM,
2mm Ø

- ◆ Small footprint with digital display for speed and time setting
- ◆ Maintenance free BLDC motor drive
- ◆ Easy loading clamps.
- ◆ True Orbital motion evenly across the plate
- ◆ Extremely silent
- ◆ Includes attachment for 20 x 2 ml tubes
- ◆ Optional USB connectivity

iShak Quattro

Digital 4 Plate Shaker



Max. 1200 RPM,
3 mm Ø

- ◆ True Orbital motion across the platform
- ◆ Microprocessor controlled with Pulse mode & Favourite setting
- ◆ Digital Display with Speed & Time setting
- ◆ Maintenance free BLDC motor drive
- ◆ Accommodates up to 4 skirted microplates

iShak TS4

Incubated 4 Plate Shaker



**Max. 1200 RPM,
3 mm Ø, 70°C**

- ◆ Incubation range from ambient to 70° C
- ◆ True Orbital motion across the platform
- ◆ Microprocessor controlled with Programmable Pulse mode
- ◆ Digital Display shows set & actual temperature
- ◆ Accommodates up to 4 skirted microplates
- ◆ Maintenance free BLDC motor drive

iTherm D150-2

Double Block Dry Bath



**Temperature Range of
Amb. +5 to 150°C**

- ◆ Large display for easy setting for all parameters
- ◆ Wide temperature control range (upto 150°C) with excellent uniformity ($\pm 0.5^\circ\text{C}$)
- ◆ Long time range from 1 min to 99 hours & 59 minutes & infinite mode
- ◆ Hybrid block for a wide variety of tube sizes

iSwix Jr. / iSwix Jr. VT

Mini Vortex Mixer



**Max. 4500 RPM,
4.5 mm Ø**

- ◆ Maintenance free BLDC motor drive
- ◆ Powerful vortexer delivers up to 4500 RPM
- ◆ Orbital diameter of 4.5 mm
- ◆ Small footprint - die cast base no walking issue
- ◆ Unique suspension design for longer operational life
- ◆ iSwix Jr.- fixed speed / iSwix Jr. VT- variable speed

iSwix VT

Microprocessor Controlled Digital Vortex Mixer



**Max. 4200 RPM,
4 mm Ø**

- ◆ Maintenance free BLDC motor drive
- ◆ Stable operation - No walking issues
- ◆ Programmable pulse mode
- ◆ Microprocessor controlled, delivers set speed even under varying load condition
- ◆ Optional attachments for micro plates, tubes and flask

iSwix MV

Digital Multi Tube Vortexer



Max. 2500 RPM, 4mm Ø
60 x 7ml tubes / 18 x 50ml tubes
45 x 15ml tubes / 6 x 250ml flasks

- ◆ Multiple attachments to use different shapes and size of Tubes / Vessels
- ◆ Powerful Maintenance free BLDC motor drive
- ◆ Programmable pulse mode function
- ◆ Easily adjustable speed & time setting with digital display
- ◆ Choice of CW OR CCW motion with accuracy of ± 5 RPM
- ◆ Multiple attachments to use different shapes and size of vessels

iRoll Junior

Blood Tube Rotator

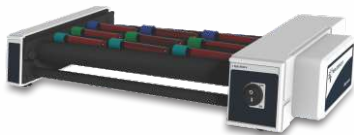


**30 RPM, 10 x 6ml tubes
/ 9 x 15ml tubes /
4 x 50ml tubes**

- ◆ Compact design saving valuable bench space
- ◆ Gentle rotatory motion for optimum mixing
- ◆ Can process up to 10 tubes of 6 ml
- ◆ Optional foam attachment for different tube sizes



iRoll RnR4 Tube Roller



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

- ♦ Gentle rocking and rolling motion for optimum mixing
- ♦ Fixed speed of 30 RPM with speed accuracy of +/-2RPM
- ♦ Tool free removal/ installation of rollers for easy cleaning
- ♦ Adjustable rollers spacing to hold different diameter tubes
- ♦ Space saving design which accommodates more samples

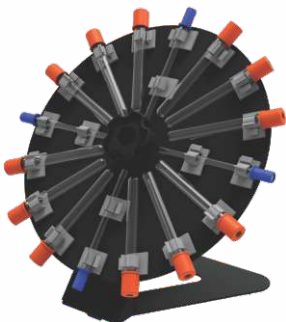
iRoll RnR6 / iRoll RnR10 Digital Tube Roller



**Max. 80 RPM, 15 x 7 ml (RnR 6)
Max. 80 RPM, 27 x 7 ml (RnR 10)**

- ♦ Maintenance free BLDC motor drive
- ♦ Microprocessor controlled with User programming feature
- ♦ Gentle rocking and rolling motion for optimum mixing
- ♦ Digital Display with unique run-pause-run programmable Pulse mode
- ♦ Tool free removal / installation of roller for easy cleaning
- ♦ Adjustable rollers spacing to hold different diameter tubes / Bottle

iRoll DR16 Disc Rotator



**30 RPM, 12 x 5ml
Blood Tubes + 4 ESR Tubes**

- ♦ Gentle rotatory motion for optimum mixing
- ♦ Fixed speed of 30 RPM with accuracy of +/- 2 RPM
- ♦ Easy fixing/removing of tubes with convenient to use clamps
- ♦ Fixed Disc plate angle of 38°
- ♦ Robust construction for stable operation
- ♦ Tool free removal/ installation of disc plate for easy cleaning

iRoll DR-24 Digital Disc Rotator



**Max. 10-80 RPM, 24 x 15ml
tubes / 12 x 50ml tubes /
44 x 5ml tubes**

- ♦ Maintenance free BLDC motor drive
- ♦ Digital display with speed & time setting - pulse mode function
- ♦ User programmable with Microprocessor control
- ♦ Set angle from 0 to 90 degree
- ♦ Supplied with 1 chosen Disc – easy to remove/install Disc for cleaning/change

iRoll PR22 Plate Rotator



**30 RPM, 22 x 5 ml /
12 x 15 ml + 4 x 50 ml**

- ♦ Gentle rotatory motion for optimum mixing
- ♦ AC synchronous motor for noiseless operation
- ♦ Fixed speed of 30 RPM with an accuracy of +/-2 RPM
- ♦ Tool free removal / installation of plate for replacement and cleaning
- ♦ Supplied with 1 chosen Plate – easy to remove/install Plate for cleaning/change

iRoll PR-35 Digital Plate Rotator



**Max. 10-80 RPM, 35 x 15ml
tubes / 16 x 50ml tubes /
55 x 2ml tubes**

- ♦ Maintenance free BLDC motor drive
- ♦ Digital display with speed & time setting - pulse mode function
- ♦ User programmable with Microprocessor control
- ♦ Set angle from 0 to 90 degree
- ♦ Supplied with 1 chosen Plate – easy to remove/install Plate for cleaning/change

iShak 3D-5

Digital 3D Shaker with Microprocessor & Brushless Motor

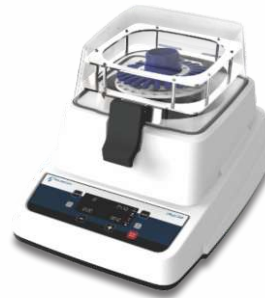


Max. 15-120 RPM, 20 x 15 ml tubes / 16 x 50ml tubes

- ◆ Microprocessor controlled 3D rocking / tumbling motion
- ◆ Maintenance free BLDC motor drive
- ◆ Speed setting from 5 to 120 RPM @ every 5 RPM
- ◆ Unique 'Run-Pause-Run' Pulse mode
- ◆ Supplied with Spiked rubber mat

iRupt 24P

Homogenizer



0.80 m/s to 7.50 m/s (at every 0.05 m/s) 24 x 2 ml

- ◆ Powerful maintenance free BLDC Motor – delivers up to 4550 RPM
- ◆ Microprocessor controlled for accurate speed under variable load
- ◆ Save & Run up to 99 user defined programs
- ◆ Flexibility to set Interval times & number of cycles

iShak PS 10/20

Multipurpose Platform Shaker



**Max 300 RPM – 20 mm (PS20)
Max 500 RPM – 10 mm (PS10),
Orbital/Linear Motion**

iShak US15

Universal Platform Shaker



**Max 300 RPM, 30/40/50/60/
70 mm Motion models
Cap. Up to 15kg Orbital/Linear Motion**

- ◆ Available in True Orbital OR Linear motion
- ◆ Maintenance free BLDC motor drive
- ◆ Program mode allows to set motion direction, speed, time, dwell time, sequence and loop operation
- ◆ User can save up to 6 programs with each program having 9 sub - programs
- ◆ Time ranging from 1 min to 99 hours & 59 minutes
- ◆ Different attachments platform makes it possible to use almost all shapes and sizes of vessels
- ◆ Dedicated LED display for Speed, Time & Program parameters
- ◆ RS-232 interface for remote operation (optional)
- ◆ Protection rating of Ip21

WE DESIGN. WE DEVELOP. WE DELIVER.

Neuation's expertise in developing innovative products stems from its perfectionist approach to manufacturing. With a customer-driven approach backed by innovation, every aspect of the product development process from R&D and design to production and quality checks are done in-house. This ensures impeccable product quality for unmatched precision & ease-of-use.