

Neuvention - Products Portfolio

Personal Micro Centrifuge



iFuge M08
Personal Micro Centrifuge

- Speed 6000 rpm – 2000 x g
- Unique 8 tube closed rotor design provides better airflow for efficient noiseless operation & an less heating
- Electronic brake for safety & quick direct operation by simple opening & closing the lid
- Robust lid and hinge design to last long with frequent usage (spin downs)
- Small footprint saves space – can be used in hoods & cold rooms
- Microprocessor control for better efficiency
- Smart Next generation design with Digital display

Smart Personal Centrifuge



iFuge M08VT
Smart Personal Micro Centrifuge

- Equipped with Variable Speed and Time setting feature with last run memory (VT)
- Patented imbalance detection with auto cut off safety feature
- Speed setting 6000 rpm (1000 to 6000 rpm) and Timer for 1 to 25 mins + infinite mode
- Closed rotor design provides better airflow for efficient noiseless operation and less heating
- Digital Display alternates between speed & time values with countdown timer feature
- Robust lid and hinge design to last long with frequent usage (spin downs)

BLDC Personal Centrifuge



iFuge BL08VT
Smart BLDC Personal
Micro Centrifuge



- Max Speed 6000 rpm (2000 x g) & Max Cap. 8 x 2 ml
- Brushless motor drive or maintenance free long life
- Self correcting closed loop control – delivers accuracy of +/- 25 rpm at even at varying loads
- Closed rotor design provides better airflow for efficient noiseless operation an less heating
- Sensor based imbalance detection (VT)
- Variable Speed and Time setting feature (VT)
- Next gen design with Digital Display
- Robust lid and hinge design to last long with frequent usage (spin downs)

High Speed Micro Centrifuge

CE



**iFuge M12P Table
Top Genius**

- Max speed 15000 rpm – generates a g force of 15596 x g
- Maintenance free BLDC motor drive
- 12 x 1.5/2 ml capacity with autoclaveable Al. rotor & lid
- Large Backlit LCD display & compact design
- Adjustable speed and time (500 to 15000 rpm – 1 sec to 999 mins)
- Remote operation (via USB) and data logger – user can save upto 99 programs
- Imbalance detection safety feature with auto cut off & Lid lock safety

High Speed Micro Centrifuge

CE



**iFuge M18P Table
Top Genius**

- 18 x 1.5/2 ml capacity with autoclaveable Al. rotor & lid
- Max speed 14500 rpm – generates a g force of 17065 x g
- Maintenance free BLDC motor drive
- Large Backlit LCD display & compact design
- Adjustable speed and time (500 to 14500 rpm – 1 sec to 999 mins)
- Remote operation (via USB) and data logger – user can save upto 99 programs
- Imbalance detection safety feature with auto cut off & Lid lock safety



iStir Uno/Quattro

Slim Magnetic Stirrer



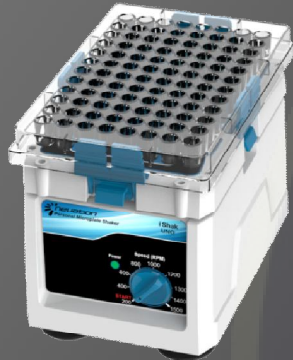
- Variable speed setting 15 to 1500 rpm (Uno) - 15 to 1200 rpm (in Quattro) with speed indicator
- No moving parts – maintenance free long life
- Low aspect ratio (Slim profile)
- Capacity 800 ml (Uno) – 400 ml (in Quattro)
- Pulse mode feature – changes direction for proper mixing
- SS top to fight corrosion and IP 64 complaint design
- Supplied with 1 high strength stir bar
- Quattro with Digital display & timer function



**iStir Uno/Quattro
Motorless
Magnetic Stirrer**

Personal Microplate Shaker

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**iShak Uno/Uno VT
Personal
Microplate Shaker**

- Smallest footprint – just the size of the micro plate
- Even mixing across plate with 2 mm orbital diameter
- Speed range 200 to 1500 rpm (Max 1500 rpm)
- 2 versions: Variable Speed and Speed & Time setting version
- Changeable clamps to suit different types of plates
- Inbuilt counter balance for stable operation
- Remote operation (via USB) & data logger (VT)
- Universal Power supply (100 to 240 VAC, 50/60 Hz)
- Dimensions: 127 x 85 x 86 mm – Weight : 1.4 kg

Digital Microplate Shaker

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**iShak BL Uno VT
Digital Microplate
Shaker**

- Smallest footprint – just the size of the micro plate
- Speed range 300 to 1800 rpm (Max 1800 rpm) and timer set of upto 99 mins
- Brushless DC motor for maintenance free long life
- Digital display alternates between speed & time.
- Delivers an accurate orbit of 2 mm across the plate
- Turn down clamp for easy loading /unloading of plates - changeable clamps to suit varied plates
- Very silent operation
- Optional Remote operation (via USB) & data logger feature

Mini Vortexer



- Available in 2 versions: Fixed & adjustable speed models
- Maintenance free BLDC motor for long life
- Delivers 4500 rpm for quick mixing with orbital diameter of 4.5 mm
- Delivers set speed even under load conditions
- Powerful Vortex mixer with small footprint
- Press down activation to start mixing yet, does not put load on the switch directly
- Robust construction with Die cast base and rubber pads for Stable and operation
- The variable speed version has optional continuous run



**iSwix Jr/Jr. VT
Mini Vortexer**

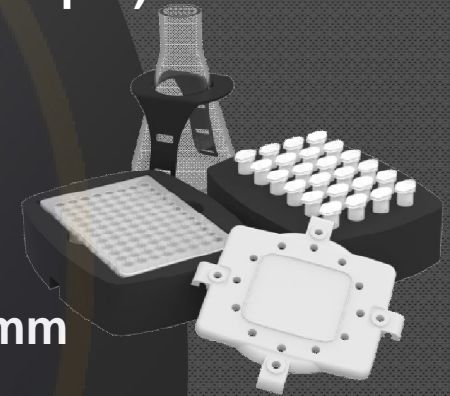


Coming soon iSwix/iSwix VT

Vortex Mixer



- Powerful Brushless DC motor for long life
- Max speed 4200 rpm (300 to 4200 rpm)
- Orbital diameter of 4 mm
- 3 way switch On/Off/Touch
- Small footprint 200 x 130 x 122 mm
- Multiple attachments for Tubes and beakers
- Die case base and robust construction for stable operation
- Inbuilt counter balance for stable operation
- Digital display, time setting & programmable pulse mode (VT)



**iSwix /iSwix VT
Vortex Mixers**

Doctor Centrifuge



iFuge D06
Clinical Centrifuge

- Maintenance free BLDC Motor drive delivers upto 6500 rpm (3664 x g)
- 6 x 15 ml (with adaptors for all standard blood collection tubes)
- Speed setting from 500 to 6500 rpm timer from 0.5 to 30 mins with digital display
- Imbalance detection feature with auto cut off & Lid lock safety
- Lid opens automatically on run completion
- Small footprint Dimension: 260 x 244 x 203 mm Weight: 4 kg



Upcoming iFuge L30P

Multipurpose Laboratory Centrifuge



- Max speed 4500 rpm
- Max capacity 4 x 100 ml (Multiple rotor options – Micro Plates, Clinical tubes and Micro tubes)
- Maintenance free BLDC motor drive
- Adjustable speed and time (500 to 4500 rpm – 1 to 999 mins) with short spin feature
- Remote operation (via USB) and data logger – user can save upto 99 programs
- Imbalance detection feature with auto cut off & Lid lock safety
- Automatic Rotor recognition feature
- Large Backlit LCD display & compact design

iFuge L30P
Multipurpose Lab Centrifuge

4 station Plate Shaker



**iShak Quattro
4 Plate Shaker**

- Maintenance free BLDC motor drive
- Orbital Diameter of 4 mm
- Speed setting from 200 to 1500 RPM
- Digital display with Speed set at every 10 RPM & Timer from 1 minute to 999 mins
- Can accommodate upto 4 Microplates
- Designed for gradual speed increment to avoid spillage issues
- One touch pulse function and favorite mode
- Small footprint (platform size 230 x 182 mm)

Hot Plate Stirrer

- Speed setting upto 1500 RPM and Temp range form room to 350 deg C with very high accuracy
- Maintenance free BLDC motor drive with capacity 20 litres
- Digital display showing all vital parameters with ease to operate interface
- Equipped with safety temp circuit and - will shut down if goes above 10 deg to set temperature – come with hot plate indication
- User can save upto 25 favorite programs
- Ceramic / Metallic heating plate with set up dimensions of 155 x 155 mm
- Protection class IP 42



iStir HP 350
Hot Plate Stirrer



Upcoming iStir HP 550

Hot Plate Stirrer

- Speed range 100 to 2000 RPM and Temp range form room to 550 deg C with very high accuracy
- Maintenance free BLDC motor drive with capacity 20 litres



**iStir HP 550
Hot Plate Stirrer**

- Digital display showing all vital parameters with ease to operate interface
- Auto diagnosis and slip detection feature and
- RS 232 interface supports remote pendent operation
- User can save upto 25 favorite programs
- Ceramic / Metallic heating plate with set up dimensions of 180 x 180 mm
- Protection class IP 42



Upcoming iFuge L30P

Multipurpose Laboratory Centrifuge



- Max speed 4500 rpm
- Max capacity 4 x 100 ml (Multiple rotor options – Micro Plates, Clinical tubes and Micro tubes)
- Maintenance free BLDC motor drive
- Adjustable speed and time (500 to 4500 rpm – 1 to 999 mins) with short spin feature
- Remote operation (via USB) and data logger – user can save upto 99 programs
- Imbalance detection feature with auto cut off & Lid lock safety
- Automatic Rotor recognition feature
- Large Backlit LCD display & compact design

iFuge L30P
Multipurpose Lab Centrifuge

High Speed Micro Centrifuge



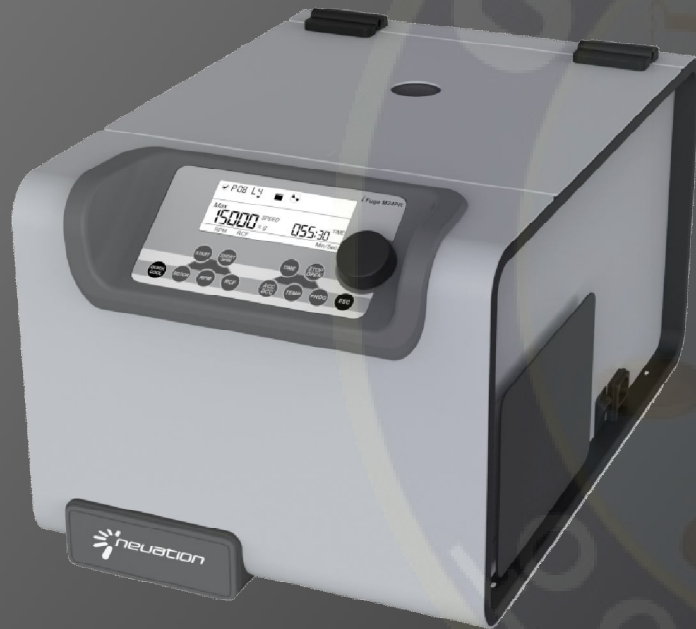
**iFuge M24
Lab Champion**

- Max speed 14000 rpm (upto 18625 x g)
- 24 x 1.5/2 ml (optional 4 x PCR & high rim rotor)
- Maintenance free BLDC motor drive
- Adjustable speed and time (100 to 15000 rpm – 1 to 999 mins) with short spin mode
- Remote operation (via USB) and data logger – user can save upto 99 programs
- Imbalance detection feature with auto cut off & Lid lock safety with rotor recognition feature
- Large Backlit LCD display & compact design



Upcoming iFuge M24PR

Refrigerated Micro Centrifuge



iFuge M24PR
Refrigerated Lab Champion

- Max speed 14000 rpm (upto 18625 x g)
- 24 x 1.5/2 ml (PCR & optional rotors available)
- Maintenance free BLDC motor drive
- Refrigeration upto -10 deg at top speed in small foot print (286 x 407 x 286 mm)
- Adjustable speed and time (100 to 14500 rpm – 1 to 999 mins) with short spin mode
- Remote operation (via USB) and data logger – user can save upto 99 programs
- Imbalance detection feature with auto cut off & Lid lock safety with rotor recognition feature
- Large Backlit LCD display & compact design



Upcoming iFuge L30PR

Laboratory Centrifuge with refri.



**iFuge L30PR
Refrigerated Lab Centrifuge**

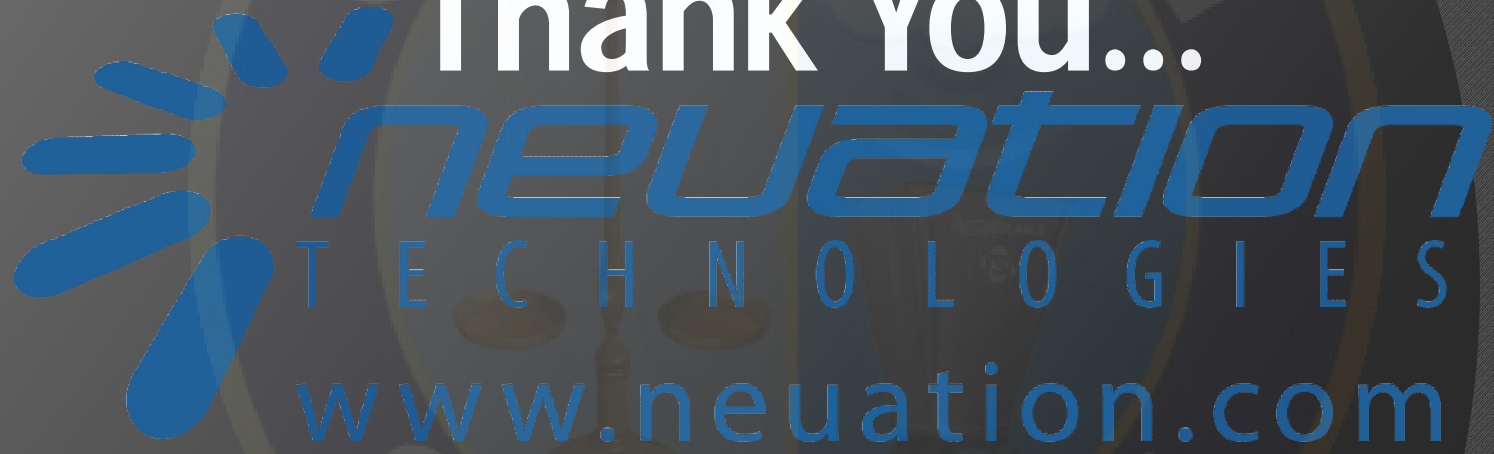
- Max speed of 4500 rpm
- Maintains -10 deg C temperature at Max speed
- Max capacity 4 x 100 ml (Multiple rotor options – Micro Plates, Clinical tubes and Micro tubes)
- Maintenance free BLDC motor drive
- Adjustable speed and time (500 to 4500 rpm – 1 to 999 mins) and short spin
- Remote operation (via USB) and data logger – user can save upto 99 programs
- Imbalance detection, Lid lock safety & rotor recognition safety features
- Large Backlit LCD display in a compact & sleek design with refrigeration unit

Universal Centrifuge



- Max speed 21000 rpm
- Max capacity 4 x 100 ml (Multiple rotor options – Micro Plates, Clinical tubes and Micro tubes)
- Induction motor drive
- Adjustable speed and time (100 to 21000 rpm – 1 to 999 mins) with short spin feature
- Remote operation (via USB) and data logger – user can save upto 99 programs
- Imbalance detection feature with auto cut off & Lid lock safety & rotor recognition feature
- Large Backlit LCD display & compact design

iFuge U400P
Universal Centrifuge



Thank You...

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