



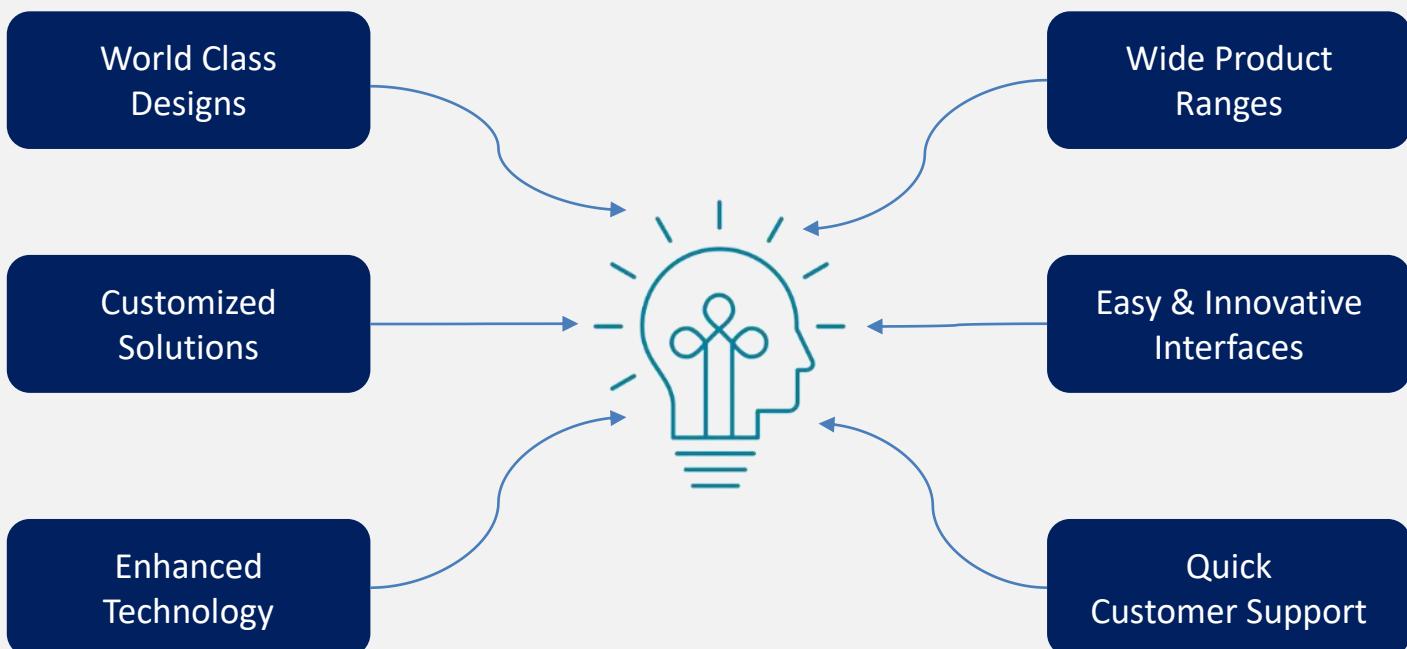
**DERIVING LAB EQUIPMENT WORLD THROUGH NEW EDGE TECHNOLOGIES**



## Enhance and experience the era of the new edge Lab Equipment

Optimist, who has determination, passion and great sense of new world of using technologies, need a technologist co-operation to enhance and support the level to reach their requirements, executes excellent whenever grabs the leisure.

InLab Bio-Tech has set up a goal to discover such an optimist to meet with a perfect technologist which supports at what it wants. Our key developments include innovative design and technology, InLab has various ranges to offer the world class devices which offer great sustainability, accuracy and resilience.



## 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

## Smart Personal Centrifuge (Micrprocessor 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

## 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

## 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

## 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.

## 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

## 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)

## 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



Swing out rotor  
6x10 ml | 2270xg

**C4000**



Fixed angle  
8x15ml | 1950xg



Fixed angle  
16x10ml | 2180xg



Swing out rotor 2 x Microplates



Swing out rotor 2 x 50 ml

## 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

## Hematocrit Centrifuge



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

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

## 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

## 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

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

## 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			

## 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)

## STANDARD ATTACHMENTS



Round Disc

## OPTIONAL ATTACHMENTS



Micro Centrifuge Tube  
20 x 1.5/2ml



96 Well Micro Plate



Flask



Cup Attachment

## 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

## Mini Vortex Mixer

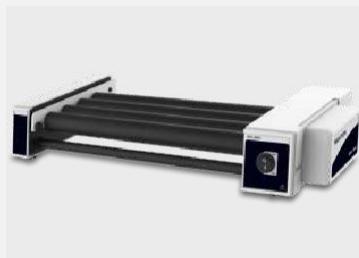
**Max. 4500 RPM, 4.5 mm Ø**



- ◆ 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)

## 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

## 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

## 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

## 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

## 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

## 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

## 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

## 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+)

## 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

## 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

## 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

## Multi-Station Digital Hot Plate Stirrer



### 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

## 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

## 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

## 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

## 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

## 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

## 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

## 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

## 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

## Digital 4 Plates 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

## 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

## 4 Plates 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

## 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

## 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

## 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

## 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

## 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

## 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

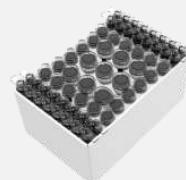
## Double Block Dry Bath



**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



5 x 50ml Block



12 x 15ml Block



28 x 1.5/2ml Block