Quality Lab Systems

QLS

Laboratory Equipment

Catalogue

2026

Precision • Reliability • Innovation



QUALITY LAB SYSTEMS

Quality Labs Systems (QLS) is a member of the Lillidale Ltd group of companies. QLS is a manufacturer of high quality benchtop laboratory equipment based in Dorset, England.

Our mission is to provide high quality, cost effective laboratory equipment backed by a world class commitment to customer service from our experienced and professional sales and service team.

The QLS range comprises of Ovens, Incubators, Centrifuges, PCR Thermal Cyclers, Shakers and Mixers, Liquid Handling Products, Stirrers and Hotplates. The QLS range is suitable for use in a variety of laboratory settings including chemical, biological, clinical and veterinary laboratories.

We will continue to provide first class performance through quality and innovation in our product range and professional, yet personalised, services to our clients. QLS operates from its Head Office in the United Kingdom and its Regional Office in Dubai from where we service countries in Africa & Asia.

End users can obtain our products through our network of dealers and distributors in over 40 countries worldwide. These dealers have been carefully selected and are capable of providing technical services and customer support which is of course fully backed up by direct support from our own technical staff.

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ThermaDry

Drying Ovens



ThermaDry are benchtop drying ovens. The range consists of three models with different chamber capacities including 35L, 50L and 80L. They can be used for various applications including drying, sterilisation, wax melting and other applications in scientific research and other laboratories. The temperature control system provides precise temperature control. The set temperature and the temperature in the cabinet are digitally displayed. They are programmable with 10 customisable user programs.

200°C	10	SS 316	Capacitive
Max Temperature	User Programs	Heating Coil	TFT Touchscreen

Key Features

- PID Controller
- Temperature Range from RT+5-200°C
- Uniform distribution of air temperature
- Forced-air convection with 4 different speed control and auto cut-off
- Electronic adjustable flap control for ventilation
- 10 customisable user programs
- Capacitive TFT touch display user interface
- Rotary controller for navigation
- Interior made of SAE 304 stainless steel
- Heating coil made of stainless steel 316 with chrome plating coating to prevent oxidation and provide chemical resistance
- Aluminum handle

Specifications

Model	ThermaDry-35	ThermaDry-50	ThermaDry-80
Power Supply	220V, 50HZ		
Temperature Range	RT+5 - 200°C		
Display Resolution	0.1°C		
Temperature Variation	±0.5°C (at 37°C)		
Ambient Temperature	+5 - 35°C		
Power Consumption	850W	1150W	1500W
Chamber Volume	35L	50L	80L
Interior Dimensions (W x D x H)	320x320x480mm	360x355x415mm	400x500x470mm
Overall Dimensions (W x D x H)	465x600x605mm	550x610x625mm	600x650x825mm
Shelves	2(pcs)		
Timing Range	1-5999 min		

Ordering Information

TOV-35	ThermaDry-35, Drying Oven, 200°C, 35 litre
TOV-50	ThermaDry-50, Drying Oven, 200°C, 50 litre
TOV-80	ThermaDry-80, Drying Oven, 200°C, 80 litre

ThermaCell

Heating Incubators



The ThermaCell range of heating incubators consists of three models with different chamber capacities of 35L, 50L and 80L. The incubators are high quality, reliable and safe natural convection incubators.
The temperature is adjustable up to 70˚C and they feature a capacitive TFT touch screen display. The incubators are programmable with 10 customisable programs.

70˚C	10	SS 316	Capacitive
Max Temperature	User Programs	Heating Coil	TFT Touchscreen

Key Features

- PID Controller
- Temperature Range from RT+5-70˚C
- Uniform distribution of air temperature
- Natural convection
- 10 customisable user programs
- Capacitive TFT touch display user interface
- Rotary controller for navigation
- Interior made of SAE 304 stainless steel
- Heating coil made of stainless steel 316 with chrome plating coating to prevent oxidation and provide chemical resistance
- Aluminum handle

Specifications

Model	ThermaCell-35	ThermaCell-50	ThermaCell-80
Power Supply	220V, 50HZ		
Temperature Range	RT+5 - 70˚C		
Display Resolution	0.1˚C		
Temperature Variation	±0.2˚C		
Ambient Temperature	+5 - 35˚C		
Power Consumption	250W	350W	550W
Chamber Volume	35L	50L	80L
Interior Dimensions (W x D x H)	320x320x320mm	360x355x415mm	400x500x470mm
Overall Dimensions (W x D x H)	465x587x605mm	550x590x625mm	600x630x825mm
Shelves	2(pcs)		
Timing Range	1-5999 min		

Ordering Information

TINC-35	ThermaCell-35, heating incubator, 70˚C, 35 litres
TINC-50	ThermaCell-50, heating incubator, 70˚C, 50 litres
TINC-80	ThermaCell-80, heating incubator, 70˚C, 80 litres

ThermaBath-6, ThermaBath-12

ThermaBath

Water Baths



ThermaBath Water Baths are available in either 6L or 12L capacity. They have a variable temperature from RT +10 to 100˚C. The internal chamber is moulded for a smooth internal surface. ThermaBath features a 4.3“ Capacitive TFT touch screen & encoder and are programmable with 9 different operating protocols.

100˚C Max Temperature

10 User Programs

SS 316 Heating Coil

Capacitive TFT Touchscreen

Key Features

- PID Controller
- Temperature Range from RT+5-70˚C
- Uniform distribution of temperature
- Natural convection
- 10 customisable user programs
- Capacitive TFT touch display user interface
- Rotary controller for navigation
- Interior made of SAE 304 stainless steel
- Heating coil made of stainless steel 316 with chrome plating coating to prevent oxidation and provide chemical resistance

Specifications

Model	ThermaBath-6	ThermaBath-12
Power Supply	220V, 50HZ	
Temperature Range	RT+10 - 100˚C	
Display Resolution	0.1˚C	
Temperature Variation	±0.5˚C	
Ambient Temperature	+10 - 35˚C	
Power Consumption	450W	650W
Chamber Volume	6L	12L
Interior Dimensions (W x D x H)	325x265x100mm	325x265x200mm
Overall Dimensions (W x D x H)	350x375x350mm	350x375x450mm
Shelves	1(pcs)	
Timing Range	1-5999 min	

Ordering Information

TWB-6	ThermaBath-6, Water Bath, 100˚C, 6 litres
TWB-12	ThermaBath-12, Water Bath, 100˚C, 12 litres

Iso-Fuge Mini SMART

Micro Centrifuge

Iso-Fuge Mini Smart micro centrifuge has a digital speed display and electronic brake to immediately stop running of the machine following lid opening for user safety.

8 place closed rotor ensures better airflow, greater efficiency and quiet operation, while low heat generation ensures stability of temperature sensitive samples.



6000	2000	8x1.5/2ml	<55dB
RPM	RCF	Max Capacity	Noise

Key Features

- Compact design and enhanced performance
- Brushless DC motor
- Electronic break - immediate stopping upon lid opening
- Fixed speed 6000 RPM
- Ideal for microfiltration and quick spin-downs
- Suitable for use in hoods or cold rooms
- Rotor capacity of 8 x 1.5ml / 2ml micro tubes
- Supplied with 2ml x 8 and PCR8 x 2 rotors

Specifications

Speed RPM / RCF	6000 RPM / 2000g RCF (g)
Speed Accuracy	+/- 100 RPM
Rotor Capacity	8 x 1.5ml / 2ml micro tubes
Display	Digital display
Motor Type	Brushless DC motor
Electronic Safety Brake	Yes
Noise Level	<70 dB
Dimensions (WxDxH) in mm	162 x 157 x 115 mm
Input Power	Universal (95 to 230V, 50/60 Hz)

Ordering Information

CEN-MINI SMART

CEN-MICRO-HCT

Iso-Fuge Micro HCT

High Speed Micro Centrifuge



Iso-Fuge MICRO HCT is a high speed micro centrifuge combining compatibility with microcentrifuge tubes and 40mm hematocrit capillary tubes. Speed and time can easily be set and displayed. The operation can be timed, continuous or short quick spin. It features imbalance detection with auto cut off and a Brushless DC motor, which is maintenance free, delivers better power / weight ratio and is suitable for extended runs.

15000	15596	8x2ml	<67dB
Max RPM	Max RCF	Max Capacity	Noise

Key Features

- Microprocessor controller with LED display
- Brushless DC motor
- Imbalance detection with auto cut off
- Digital display for easy reading of parameters
- Lid lock safety - Automatic release after run
- One touch short spin operation
- Variable speed with maximum speed 15000 RPM
- Supplied with combi rotor for 8 x 2ml micro tubes and 8 x 45mm HCT tubes

Specifications

Maximum Speed RPM / RCF	15000 RPM / 15596g RCF (g)
Rotor Capacity	8 x 2.0ml micro tubes / 8 x 45mm HCT tubes
Timer Setting	1 to 99 minutes & infinite mode
Display	Digital display
Motor Type	Brushless DC motor
Electronic Safety Brake	Yes
Noise Level	<67 dB
Dimensions (WxDxH) in mm	330 x 265 x 161mm
Approx Weight	4.5kg (with rotor)

Ordering Information

CEN-MICRO-HCT	Iso-Fuge Micro HCT High Speed Centrifuge, with combi rotor 8x2ml MCT tubes and 8x45mm HCT tubes, UK plug, 110-230V, 50/60Hz

CEN-L45

Iso-Fuge L45

Versatile Lab Centrifuge

Iso-Fuge L45 is a versatile lab centrifuge featuring a high performance brushless motor and a wide range of rotor options. Ideal for routine centrifuging application on the field such as Medical, Diagnostics, Veterinary, Educational. etc.



4500	3334	32x6ml	<70dB
Max RPM	Max RCF	Max Capacity	Noise

Key Features

- Microprocessor controller with LED display
- Brushless motor
- Electronic Imbalance detection
- Digital display for easy reading of parameters
- Lid lock safety feature
- Maximum Speed of 4500 RPM
- Timer up to 99 minutes with infinite mode
- Multiple rotor options - fixed and swing out.

Specifications

Maximum RPM / RCF	4500 RPM / 3334g RCF (g) varies as per rotor
Maximum Capacity	32 x 6ml
Timer Setting	1 to 99 minutes & infinite mode
Display	Large digital display
Motor Type	Brushless DC motor
Controller	Microprocessor controller
Speed Setting	500 to 4500 RPM
Speed Accuracy	+/- 100 RPM
Timer Setting	1 to 99 minutes, infinite mode
Acceleration / Deceleration Time	35 +/- 5 seconds
Noise Level	<70 dB
Dimensions (WxDxH) in mm	553 x 427 x 247 mm
Weight	16.2kg (without rotor)
Input Power	230 VAC +/- 10 VAC

Iso-Fuge L45

Versatile Lab Centrifuge



Ordering Information

CEN-L45	Iso-Fuge L45 Versatile Lab Centrifuge	
CEN-SL-F	Swing out rotor frame	
CEN-SBL-32-6	32 x 6ml Tube swing out bucket	
CEN-SBL-24-15	24 x 15ml Glass tube swing out bucket	
CEN-SBL-16-15	16 x 15ml Tube swing out bucket	
CEN-SBL-4-50	4 x 50ml Tube swing out bucket	
CEN-AL-F	Fixed angle rotor frame	
CEN-ABL-32-6	32 x 6ml Tube Fixed angle bucket	
CEN-ABL-24-15	24 x 15ml Glass tube fixed angle bucket	
CEN-ABL-16-15	16 x 15ml Tube Fixed angle bucket	
CEN-ABL-4-50	4 x 50ml Tube Fixed angle bucket	

CEN-MICRO15R

Iso-Fuge Micro15R

High Speed Refrigerated Micro Centrifuge



Iso-Fuge Micro 15R is a high speed Refrigerated Micro centrifuge with maximum speed of 15000 RPM and Temperature range setting from -20°C to + 40°C. High Performance Brushless DC motor provides maintenance free long life. Microprocessor controlled centrifuge with variable speed and time setting and also with last run memory function and user can set and save up to 99 user defined programs.

15000	22388	44x1.5/2ml	-20 to 40°C
Max RPM	Max RCF	Max Capacity	Temperature

Key Features

- Microprocessor controller with LED display
- Brushless DC motor
- Imbalance detection with auto cut off
- Digital display for easy reading of parameters
- Lid lock safety - Automatic release after run
- One touch short spin operation
- Variable speed with maximum speed 15000 RPM
- Supplied with combi rotor for 8 x 2ml micro tubes and 8 x 45mm HCT tubes

Specifications

Maximum RPM / RCF	15000 / 22388g
Speed Setting	500 - 15000 RPM
Temperature Range	-20°C to + 40°C
Timer Setting	30 seconds to 999 minutes & infinite mode
Display	Large Backlit LCD Display
Programmable Feature	Set and save up to 99 user defined programs
Lid Lock Safety	Yes
Imbalance Detection	Yes
Dimensions (WxDxH) in mm	720 x 325 x 305 mm

Ordering Information

CEN-MICRO15R	Iso-Fuge High Speed Refrigerated Micro Centrifuge, with rotor 24 x 1.5/2ml UK plug, 220V, 50/60Hz
CEN-MICRO15R-44	44 x 1.5/2ml rotor with lid
CEN-MICRO15R-8-5	8 x 5 ml Angle rotor with Lid
CEN-MICRO15R-4-PCR	Angle rotor suitable for PCR Strip tubes with capacity of 4 strips

MX2800

Vortex Mixer

MX 2800 is ideal for gentle mixing to vigorous resuspension of cells, biological and chemical liquid components in tubes using an eccentric mechanism. It's widely used in life science, physical and chemical analysis fields.



2800	500g	IP21	4mm
Max RPM	Max Load	Spill Safe	Orbital Diameter

Key Features

- Variable speed selection - delivers up to 2800 RPM
- Orbital diameter of 4mm
- Brushless AC motor fitted with ball bearing
- Visual indication marker for max speed with attachment
- 3 way switch (Touch, Continuous & Stand-by mode)
- Inbuilt counter balance for stable operations

Specifications

Motor Type	Brushless AC
Max Speed	2800 RPM
Orbital Diameter	4mm
Max Load Capacity	500gm
Speed Accuracy	± 5%
Operation Type	Touch, Stand-by & Continuous mode
Dimensions in mm	205 x 136 x 138.5mm
Power Supply	220 - 240 VAC, 50Hz
Ambient Temperature	5 to 40˚C
Weight	3kg

Ordering Information

SP1000	MX 2800, Vortex Mixer with standard top cup, UK plug, 220-240 VAC 50Hz
SP1000-1	Universal attachment for SP1000
SP1000-2	Microplate attachment for one 96 well plate for SP1000
SP1000-3	Tube attachment for 20 tubes for SP1000
SP1000-4	Round disk attachment for SP1000
SP1000-5	Flask holder attachment for SP1000

SP2000

Orbit SMART

Platform Shaker

Orbit Smart Platform Shaker provides smooth and uniform circular motions for mixing in dishes, plates, flasks, bottles and beakers for various applications. Different interchangeable platforms are available to suit various applications.
The universal attachment adjusts to fit bottles and other containers. The platform with non-slip mat is suitable for multi-well plates, dishes, petri dishes and diagnostic cards.



500	7.5kg	330mm²	10mm
Max RPM	Max Weight	Platform Size	Orbital Diameter

Key Features

- Variable speed selection from 50 to 500 RPM.
- Timer ranging from 1 min to 99 hours and 59 minutes.
- Powerful BLDC motor delivers constant speed.
- Program mode to set motion direction, speed, time, dwell time, sequence and loop operation.
- Option for auto power On (in case of power failure).
- Save up to 6 programs with 9 sub programs.
- Different platform attachments for wide variety of applications.

Specifications

Motor Type	Brushless DC
Speed	50-500 RPM
Orbital Diameter	10mm
Max Weight	7.5kg
Shaking Movement	Orbital
Time Setting Range	Up to 99:59 hrs
Platform Size	330 x 330mm
Programmable Feature	6 programs with each program having 9 subprograms
Program Looping	Yes
Dimensions	408 x 350 x 99mm

Orbit SMART
Platform Shaker

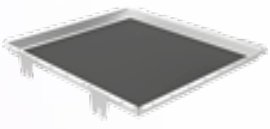


Ordering Information

SP2000	Orbit SMART Platform Shaker without attachment, UK plug, 230V
SP2000-1	Universal platform with adjustable bars (Flask capacity- 13 x 100ml / 13 x 150ml / 9 x 250ml / 6 x 500 ml / 5 x 1000ml) for SP2000
SP2000-2	Disk attachment base plate with slip resistance tray for SP2000
SP2000-3	Funnel Attachment for SP2000
SP2000-4	Base plate for SS clamps (Capacity- 9 clamps x 100ml / 9 clamps x 150ml / 9 clamps x 250ml) for SP2000
SP2000-5	Base plate for SS clamps (Capacity- 9 clamps x 500ml / 5 clamps x 1000ml) for SP2000
SP2000-6	Stainless steel Clamp for 100 ml flask suitable for base plate SP2000-4, Capacity- 9 clamps
SP2000-7	Stainless steel Clamp for 150 ml flask suitable for base plate SP2000-4, Capacity- 9 clamps
SP2000-8	Stainless steel Clamp for 250 ml flask suitable for base plate SP2000-4, Capacity- 9 clamps
SP2000-9	Stainless steel Clamp for 500 ml flask suitable for base plate SP2000-5, Capacity- 9 clamps
SP2000-10	Stainless steel Clamp for 1000 ml flask suitable for base plate SP2000-5, Capacity- 5 clamps



SP1000-1



SP1000-2



SP1000-3



SP1000-4



SP1000-7

SP4000

3D SMART

3D Shaker

The 3D motion of the 3D SMART Shaker gently swirls solutions, making it ideal for sample mixing, hybridisation, general mixing and other applications. Spiked rubber mat to ensure stability of the tubes while in operation. Pulse mode function with variable timer and Run- Pause-Run function ensures thorough mixing of sample.



120	5kg	350mm²	10mm
Max RPM	Max Weight	Platform Size	Orbital Diameter

Key Features

- Variable speed selection from 15 to 120 RPM.
- Timer ranging from 1 min to 999 minutes & infinite mode.
- Three dimensional rocking and tumbling motion for homogenous mixing.
- Easy to clean and designed to protect the equipment against penetration of liquids
- Includes spiked rubber mat platform.
- Pulse mode ensures thorough mixing.

Specifications

Variable Speed	15-120 RPM
Orbital Diameter	10mm
Movement Type	3D orbital
Tilt angle	7°
Weight Capacity	5kg
Time Setting Range	1-999 mins & infinite mode
Operation Type	Timed & continuous operation
Pulse Mode	Run-pause-run mode
Plate Size	350mm x 350mm
Attachment	Spiked rubber mat

Ordering Information

SP4000	3D SMART Shaker with Spiked Rubber Mat SP4000-1, UK Plug, 230V
SP4000-1	Spiked rubber mat for tubes 2-50ml

SP5000-C

Classic Tube Roller

Fixed Speed Tube Roller

QLS Roller provides gentle highly efficient rocking and rolling motions, ideal for mixing blood samples, viscous substances and liquid-solid suspensions. Used for prevention of blood coagulation, immune precipitation and other applications. Fixed speed of 30 RPM with speed accuracy of +/-2 RPM provides noise free operation.



30	1.5kg	9 x 5ml	4
Fixed RPM	Max Weight	Tube Capacity	Removable Rollers

Key Features

- Adjustable roller spacing to hold different diameter tubes
- Fixed speed of 30 RPM with tilt angle +/-3˚
- Noise free operation
- Suitable for mixing of blood sample and viscous substances
- Removable rollers for easy cleaning in case of sample spillage
- Protection class of IP21

Specifications

Motor Type	AC Synchronous
Capacity	9 x 5ml tubes
Speed	Fixed speed of 30 RPM
Run Time	Continuous / Infinite
Tilt angle	+/-3˚
Speed Accuracy	+/-2 RPM
Load Capacity	1.5kg
Roller Size (mm)	300 (length) x 30 (roller diameter) mm
Protection Class	IP21
Dimensions (W X D X H)	475 x 210 x 80mm
Weight	2kg

Ordering Information

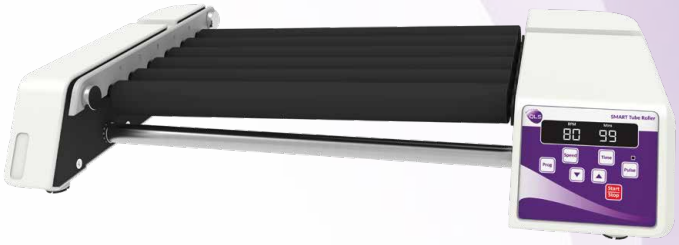
SP5000-C	Classic Tube Roller with fixed speed 30 RPM with 4 roller tubes, UK Plug, 230V

SP5000-S

SMART Tube Roller

Variable Speed Tube Roller

QLS Roller provides gentle highly efficient rocking and rolling motions, ideal for mixing blood samples, viscous substances and liquid-solid suspensions. Used for prevention of blood coagulation, immune precipitation and other applications. Programmable pulse mode feature with 'Run-Pause-Run' motion and digital display with soft touch keypad provides the advanced features to the user.



10-80	2kg	15 x 7ml	6
Variable RPM	Max Weight	Tube Capacity	Removable Rollers

Key Features

- Adjustable rollers spacing to hold different diameter tubes
- Speed setting from 10 to 80 RPM & timer from 1 min to 99 min & infinite mode
- Brushless DC motor for maintenance free long life and quiet operation
- Removable rollers for easy cleaning in case of sample spillage
- Digital display with soft touch keypad
- Microprocessor controller for accurate speed under variable load

Specifications

Speed Range	Up to 15 x 7ml Blood Tubes
Motor Type	Brushless DC motor
Number of Tubes	Up to 15 x 7ml Blood Tubes
Motion	Rocking & Rolling
Timer Range	1 to 99 minutes & infinite mode
Operation Type	Continuous & Timed Operation
Rollers	Removable - Tool free removal & refixing
Pulse Mode	Run-pause-run mode
Tilt Angle	+/-3˚
Protection Class	IP21
Load Capacity	2kg
Dimensions (WxDxH)	502 x 301 x 93mm
Power Consumption	6W
Weight	6kg

Ordering Information

SP5000-S	SMART Tube Roller with Variable speed10-80 RPM with 6 roller tubes, UK Plug, 230V

TC-096G

Optimus 96G

Gradient Thermal Cycler



Optimus 96G Gradient Thermal Cycler is an advanced thermal cycler with peltier based technology making it more accurate and reliable. Optimus 96G has high heating and cooling rate, uniform temperature across the block surface, 96 wells block, large data storage capacity and 8 inch color touchscreen.

6 peltier	96	8 inch	11
Heating Units	Wells Block	Colour Touchscreen	Programs

Key Features

- Thermal block has 3 independent temperature control sensors and 6 peltier heating units to ensure accurate & uniform temperature across the block surface
- Windows interface, 8 inch (800*600 pixel, 16 colours)
- TFT colour touchscreen with graphical display provides easy use for setting up and monitoring
- The actual & target temperatures can be viewed & graphically displayed in real time.
- Built-in 11 standard program file template, can quickly edit the required files.
- Internal memory for 10000 typical PCR files in free configurable folders.
- Automatic restart after power failure.
- Adjustable hot lid, fit tubes of different heights.
- Reinforced aluminium module with anodizing technology to keep rapid heat conducting property & have enough corrosion resistance.
- Compatible with devices such as mouse & keyboard and capable to transfer data and perform software updates via USB Drive.



TC-096G

Optimus 96G

Gradient Thermal Cycler



Specifications

Sample Capacity	96 x 0.2ml
Peltier Quantity	6
Block Material	Aluminium Alloy
Temperature Range (˚C)	0-100˚C
Heating Rate (˚C/sec)	4˚C/sec
Cooling Rate (˚C/sec)	3˚C/sec
Control Accuracy (˚C)	±0.1 (30-99.9˚C)
Uniformity (˚C)	±0.2 (30-72˚C, 10s) / ±0.3 (90˚C, 10s)
Control Mode	Block, Tube
Hot-lid Temperature (˚C)	30-110˚C
Gradient Range (˚C)	1-30˚C
Minimum Gradient Temp. (˚C)	30˚C
Maximum Gradient Temp. (˚C)	100˚C
Display Screen	8 inch, 800x600 Pixels, TFT, TOUCH
Programs Saving	10000 files + (USB Flash)
Powe-off Recovery	Yes
Temperature Time Increase/Decrease Progressively	Yes
Pause Function	Yes
Edit File While Running	Yes
Support For USB Mouse	Yes
Support For Touch Screen	Yes
Connection	USB, Ethernet
Network Control	Yes
PC Control Software	Yes
Input Voltage	AC85-264V, 50/60Hz
Input Power	600W

Ordering Information

TC-096G	Optimus 96G Gradient thermal cycler, UK plug

MS-C-2200

Stir Mix SMART

Magnetic Stirrer

Stir Mix SMART is a high performance magnetic stirrer with last run memory feature and variable speed ranging from 200 to 2200 RPM in steps of ± 10 RPM. Closed design allows easy cleaning & protects the equipment from accidental spills.



2200	10L	IP21	Pulse Mode
Max RPM	Max Capacity	Protection	Programmable

Key Features

- Variable speed ranging from 200 to 2200 RPM
- Closed design allows easy cleaning & protects the equipment from accidental spills
- Digital display for easy reading of parameters
- Long timer setting from 1-999 minutes & infinite mode
- Programmable pulse mode feature with 'run-pause-run' motion

Specifications

Speed Range	200-2200 RPM
Capacity	10 Liters
Run Time	1-999 minutes & infinite mode
Pulse Mode	Run - pause - run mode
Weight	1.4 kg
Protection Class	IP21
Dimensions	156 x 248 x 104 mm

Ordering Information

MS-C-2200	Stir Mix SMART Magnetic Stirrer with SS top - Max stirring capacity of 10 liters, UK Plug, 230V

MSHP-320-CC

Stir Mix HP 320-CC

Hotplate Magnetic Stirrer

Stir Mix HP 320-CC is a high performance hot plate magnetic stirrer with ceramic coated stainless steel top. It has a variable speed setting from 200 to 2200 RPM in steps of 10 RPM and temperature setting from ambient to 320˚C.



2200	10L	320˚C	IP21
Max RPM	Max Capacity	Max Temperature	Protection

Key Features

- Variable speed ranging from 200 to 2200 RPM
- Heater temperature setting from ambient to 320˚C
- Digital display for easy reading of parameters
- Ceramic Coated platform
- Max stirring capacity of 10 liters
- Long timer range from 1 to 999 minutes & infinite mode

Specifications

Speed Range	200-2200 RPM in steps of 10 RPM
Capacity	10 liters
Set up plate material	Ceramic coated SS
Set up plate dimensions	140mm
Heater Temperature	Ambient to 320˚C
Run Time	1-999 minutes & infinite mode
Weight	1.4kg
Protection Class	IP21
Dimensions (WxDxH) in mm	156 x 248 x 104 mm

Ordering Information

MSHP-320-CC	Stir Mix HP 320-CC Hotplate Magnetic Stirrer with ceramic coated SS top - Max stirring capacity of 10 liters, UK plug, 230V
MSHP-320-CC-1	Stand boss head for temperature sensor for MSHP-320-CC
MSHP-320-CC-2	Temperature sensor for MSHP-320-CC

MSHP-550-S

Stir Mix HP 550 SMART

Hotplate Magnetic Stirrer

Stir Mix HP 550 SMART Magnetic Hotplate Stirrer is specially designed for precise control of stirring speed and temperature. It allows gentle to vigorous mixing with speed ranging from 200 to 2200 RPM and a maximum capacity of 20 liter beaker. The multipurpose digital display assists users by displaying various parameters like actual & set temperature, speed, mode of operation, etc. It also comes with a programmable pulse mode for better mixing. The stirrer has a space saving design and meets IP21 protection.



2200	20L	550°C	IP21
Max RPM	Max Capacity	Max Temperature	Protection

Key Features

- Variable speed setting from 200 to 2200 RPM in step of 10 RPM.
- Unique slip detection mode to avoid stalling the stir operation.
- Easy access to heater by simply removing top plate.
- Thermal shock resistant chemical/ splash proof ceramic plate.
- Maximum temperature up to 550˚C.
- Long timer range from 1-999 minutes & infinite mode
- Platform made with nano crystalline glass ceramic.
- Electronic circuit is uniquely positioned to ensure there is no damage to electrical circuit in case of liquid spillage.
- Hot Plate Stirrer automatically resumes operation after power failure or error condition.
- Critical parameters are displayed without any toggle to ease the monitoring of operation.
- Powerful BLDC motor delivers constant speed under varying load conditions.

Specifications

Speed Range	200-2200 RPM in steps of 10 RPM
Motor type	Brushless DC Motor
Capacity	20 liters
Set up plate material	Nano crystalline glass ceramic
Set up plate dimensions	180 x 180mm
Heater Temperature	Ambient to 550C
Programmable Mode	Save up to 99 user defined programs
Weight	5.4kg
Protection Class	IP 21
Dimensions (WxDxH) in mm	220 x 330 x 115 mm

Stir Mix HP 550 SMART

Hotplate Magnetic Stirrer



Ordering Information

MSHP-550-S	Stir Mix HP-550 SMART Hotplate Magnetic Stirrer Nano crystalline glass ceramic top and Programmable Mode. Included Accessories MSHP-550-S-1 & MSHP-550-S-2 , UK Plug, 230V
MSHP-550-S-1	Stand with boss head for Temperature sensor for MSHP-550-S
MSHP-550-S-2	Temperature Sensor for MSHP-550-S

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