



# QLABTIC

## Product Catalog



## ABOUT QLABTICS

At Qlabcics, we take great pride in delivering high-quality laboratory equipment to researchers and scientists worldwide. Our Chicago-based company has been providing unique and innovative solutions to enhance the efficiency and effectiveness of laboratory research.




Our commitment to exceptional quality is at the core of everything we do. We understand that precision and accuracy are critical to scientific research, and we make sure that all of our products meet the highest standards of quality and reliability. From design to manufacturing, we rigorously test our products to ensure they meet or exceed industry standards. This dedication to quality is why our product line stands out among our competitors, and we are proud to provide researchers and scientists with the tools they need to advance their research.



# YOUR PARTNER IN **LABORATORY EXCELLENCE**

Qlabtics is a leading provider of professional report generation and workflow analysis tools for the engineering, scientific, and research communities. Their innovative products are designed to help researchers and scientists worldwide improve their efficiency, accuracy, and overall quality of scientific research.

At Qlabtics, we place a strong emphasis on providing fair prices for our products and service without compromising quality. We recognize that laboratory research can be expensive, and we strive to make our equipment as affordable as possible to enable researchers to carry out their work without any financial burden.

-  12+ Years of experience
-  Highly Equipped Tools
-  Good quality care & service





# The Evolution Of Maintenance



Through Qlabtics, we will generate a unique QR code for each piece of equipment in your lab, and then the engineer will enter all the data and what exactly they have worked on as a pdf, image, or text.

By accumulating this data, you will have full information about your equipment.

Not only that, but by scanning the QR code, you can give your technicians and users the ability to reserve the equipment in a timely manner.



Login

Save all maintenance history and gain remote access to data at any time and from any location.



Equipment List

You can check the status of the equipment to see if it's active or not.



Equipment Booking

Technicians and users can reserve the equipment in your lab, and you can control the work and manage your lab.



Print Report

Generate a full maintenance report history that can appear as a PDF file.



# How It Works

## Manufacturer

By Qlabtics you can have your unique QR code by adding it to your equipment then the distributor and the end customer can add the required maintenance and calibration information.

Having this full report you will have continuous feedback until the warranty is ended.

Qlabtics will give you a live maintenance information so your will improve your equipment and have real feedback also you can help the end customer directly if they have any problem



## Supplier

Qlabtics generate a separate QR code for each piece of equipment; by scanning the code you will have all information about the equipment and you can add all pictures, pdf files, notes and all maintenance reports as text or pdf. In addition, you can have a full report about your employees' work and whether the lab director approves this report or not.

Qlabtics you will manage your engineers' work, follow up with your business and save the information about any equipment that went under maintenance in your company.

## Lab Director

As many engineers come to your lab for equipment maintenance or calibration, how do you save what they did ? How would the next engineer be able to check the work or take the history in terms of the information given earlier?

Through Qlabtics we will generate a unique QR code for each piece of equipment in your lab then the engineer will enter all data and what exactly they have worked on as a pdf, image or text.

By accumulating this data you will have a full report about your equipments.

Also by scanning the QR code, you can give your technicians and users the ability to reserve the equipment in a timely manner so as to avoid any waiting time or overlap among users.



# HorizoClave Table Top Steam Sterilizer

## AutoClave 18L/ 23L/ 45L

### Highlights:

- + LCD touch screen.
- + Vacuum drying, automatic door with built-in printer.
- + Triple pulsation vacuum system.

### Description

HorizoClave Table Top Steam Sterilizer Class B, a cutting-edge sterilization equipment designed for rapid and efficient sterilization. With its advanced automatic control program, it sets the benchmark for safe and reliable sterilization in medical and laboratory settings.

The HorizoClave AutoClave boasts a sophisticated and economical design, making it the ultimate choice for sterilizing solids. Its sleek and attractive appearance adds a touch of elegance to any environment.

The HorizoClave AutoClave offers outstanding performance, reliability, and safety through its three-pulse pre-vacuum sterilization technology. It is well-suited for healthcare centers, pharmaceutical companies, research institutes, and more. It provides reliable sterilization for a wide range of items, including surgical, dental, and ophthalmic instruments, glassware, chemicals, culture media, fabric accessories, and even food, ensuring thorough sterilization with the power of saturated vapor action.

### Features:

- Automatic door switch for convenience and ease of use.
- High-quality stainless steel inner tank with a sealed cover for durability.
- Microcomputer control system for precise and efficient operation.
- Safety interlocking device for enhanced user safety.
- BD test, HELIX test, and Vacuum test capabilities for comprehensive performance evaluation.
- LED display and intuitive operation for user-friendly experience.
- Equipped with a standard test interface for easy testing and validation.
- Open-type top water tank for hassle-free water filling.
- Adheres to the European CLASS B standard, guaranteeing high sterilization efficiency.
- Three times per-vacuum cycle for thorough sterilization.
- Buzzer reminder after sterilization with automatic stop function for added convenience
- Automatic discharge of cold air and steam exhaust after sterilization, ensures optimal conditions for item retrieval.
- Built-in steam generator for quick generation of saturated steam
- Built-in printer, USB function, and U disk for convenient data storage and retrieval
- Automatic protection functions, including over-temperature protection, over-pressure protection, low water level protection, an anti-dry burning feature, and a safety door lock, ensure maximum safety during operation.

### Technical Parameters:

Model	HC-180	HC-230	HC-450
Volume	18L	23L	45L
Consumed power	2.2kW	2.2kW	3.5kW
Power	110V/220V, 60Hz/50Hz		
Working pressure	0.22Mpa		
Working temperature	134C		
Chamber Volume	0250×370	0250×470	0 316×615
Outer dimension	620x 505×450	505x710x450	657x870x575
Packing size ( LxWxH )	670x560x510	760x560x510	980x750x630
Gross/net weight	62/53KG	65/58KG	142/105KG



# VertiClave 300/500/750 Vertical Autoclave, Full-automatic control, Automatic Exhaust

## Highlights:

- + Full-automatic control, Automatic Exhaust.
- + Durable shell with stainless steel reinforcement for exceptional impact resistance.
- + Lab-grade stainless steel (304) pot body for maximum hygiene and safety.
- + Easy and effortless lid operation with secure lid-to-pot alignment.

## Description

The VertiClave(Vertical AutoClave), developed by Qlabtics, boasts an impressive range of features to meet all your autoclaving needs.

### I. Basic Structure:

- Shell case made of high-temperature thermoplastic material with outstanding impact resistance and stainless steel.
- Pot body made of lab-grade stainless steel (304).
- Lid opening and closing device uses a lever-type multi-link synchronous telescopic structure, making the lid and pot body flexible and light, safe, and reliable.

### II. Control and Operation:

- Console uses LCD window graphic dynamic display.
- Function settings are selected via scrolling graphics and text.
- Sterilization phase is monitored by a micro-computer graphic display and automatic cycle control.
- Automatic shutdown is initiated when sterilization phase ends (with an alarm).

### III. Function Description:

- One-button sterilization function selection for quick and clear choices based on different items.

- Air-cooled chilling device ensures the pot body is quickly cooled at the end of sterilization.
- Preheating and melting function for sterilized items with time and temperature selection.
- USB interface available for monitoring process and data collection.
- Sterilization reservation function available to start at a set time.
- Automatic fault detection and judgment system.
- Full-automatic control model discharges low-temperature air and exhausts steam when sterilization procedure ends.

### IV. Safety Devices:

- Safety interlocking device structure featured by electronic and mechanical interaction.
- Double protection system with mechanical safety relief valve and electronically controlled overvoltage protective device.
- Heater anti-drying protection function and leakage protection system.

Models	VertiClave 300 VC-300	VertiClave 500 VC-500	VertiClave 750 VC-750
Configuration	Full-automatic control, Automatic Exhaust		
The main material	Stainless steel (304)		
Volume/GW	30L/97Kg	50L/101Kg	75L/113.5 Kg
Voltage/Power	220-240 V/50Hz,3.5Kw / 110~120V/60Hz 2 Kw		
Packing size (L x W x H mm)	780x660x1160	780x660x1160	780x660x1320
Product size (L x W x H mm)	70x630x970	570x630x970	570x630x1140
Sterilization chamber volume(D x H mm)	370 x 320(30L)	370 x 500(50L)	370 x 690(75L)
Basket size(D x H mm)	335 x 190 1 basket	335 x 360 1 basket	335X190 & 360 2 baskets
Time setting range	0-99 h		
Rated working pressure	0.217MPa		
Sterilization temperature	50~134°C		



# AirGenius Co<sub>2</sub> incubator

## 100L/160L/200L /260L/300L

### Highlights:

- + Air jacket: with 90°C steam sterilization function.
- + LCD touch screen, Saving data in real time.
- + High quality infrared sensor for accurate CO<sub>2</sub> concentration.
- + Equipped with USB port.

### Size:

100L    160L    200L    260L    300L

### Description

AirGenius CO<sub>2</sub> incubator from Qlabtics creates an environment that mimics the natural growth conditions of cells and tissues in vivo. It requires a stable temperature of 37°C, consistent CO<sub>2</sub> levels of 5%, a constant pH of 7.2-7.4, and high relative humidity of 95%.

This makes it an ideal device for cell and tissue culture in vitro across a wide range of fields such as cytology, biology, oncology, genetics, immunology, virus research, and genetic engineering research. It's commonly used in scientific research units and industrial production departments such as modern medicine, pharmaceuticals, biochemistry, and agricultural science.

### Features:

- Simulates natural growth conditions of cells and tissues in vivo.
- Requires stable temperature of 37°C, CO<sub>2</sub> level of 5%, pH of 7.2- 7.4, and humidity of 95%.
- Ideal for cell and tissue culture in vitro across a wide range of fields .
- Equipped with air jacket for 90°C steam sterilization.
- Features USB port and LCD touch screen for real-time data storage.
- Includes high-quality infrared sensor for accurate CO<sub>2</sub> concentration.
- Working chamber has round angle structure for easy cleaning.
- High-quality HEPA filter ensures optimal gas quality.
- SMC brand gas circuit valves ensure stable gas concentration and less gas consumption.
- Push-pull shelves with holes provide better temperature uniformity.
- Microcomputer controller with LCD display for temperature, CO<sub>2</sub> concentration, run-time, and timing.
- Three-liter water reservoir in bottom chamber ensures high humidity for cell and bacteria growth.





Model	AGCI-100	AGCI-160	AGCI-200	AGCI-260	AGCI-300
Type	Air Jacket				
Capacity (L)	100L	160L	200L	260L	300L
Temp. sensor	PT100				
Temp. Range	Rt+5~60°C				
Temp. Fluctuation	±0.2°C(at 37°C)				
Temp. Uniformity (°C)	±0.3°C(at 37°C)				
CO2 control	IR sensor (VAISALA), NIST certificate				
CO2 Range	0~20%				
CO2 Control Resolution Resolution (vol%)	±0.1%				
CO2 uniformity (vol%)	±0.2%				
Ambient Temperature (°C)	5~30°C, Suggest 25±2°C				
Filter	HEPA filter				
Internal Size(W*D*H)mm	407*415*615	457*470*753	505*470*857	557*475*997	567*500*1068
External Size(W*D*H)mm	632*740*894	682*796*1030	730*796*1134	782*805*1274	792*830*1344
Shelves	2 pcs/ adjustable	3 pcs/ adjustable			
Data Store	USB interface				
Display	7.0" touch screen				
Sterilization	90°C steam sterilization				
Power Supply	220V,50/60Hz(Standard);110V,60HZ(Optional)				
Consumption (W)	800	820	840	1380	1800
Packing Size(W*D*H)mm	757*865*1055	807*921*1190	855*921*1294	907*930*1434	917*955*1504
Weight	120kg	135kg	155kg	190kg	210kg



# Programmable Q Dry Bath Incubators

(Single and Dual, Blocks)

## Highlights:

- + Simple or program temperature control mode.
- + Built in temperature deviation calibration function
- + Fast heating speed, Uniform heating and high stability.



## Description

Q Dry Bath Incubator Series represents a cutting-edge microcomputer-controlled product that offers a multitude of applications, including sample preservation, DNA amplification, pre-denaturation for electrophoresis, and serum coagulation. This versatile instrument provides researchers with a reliable and efficient solution for their laboratory needs.

## Features:

- **Rapid and Uniform Heating:** The Q Dry Bath Incubator Series excels in its fast heating speed and uniform heat distribution, ensuring efficient and consistent temperature control for optimal experimental results.
- **Precise Temperature Control:** With built-in temperature deviation calibration, researchers can rely on accurate temperature settings. The microcomputer system ensures high stability, enhancing the reproducibility of experiments.
- **Safety and Reliability:** Equipped with an over-temperature protection device, the Q Dry Bath Incubator Series guarantees safe operation while prolonging the instrument's lifespan. Additionally, automatic fault detection and a buzzer alarm function provide further security measures.
- **Compact Design with Intuitive Display:** The product's compact design optimizes space utilization in the laboratory. The high-definition color screen display offers a clear and intuitive visual experience, facilitating easy monitoring of incubation processes.
- **Flexible Temperature Control:** Users can choose between simple or program temperature control modes, providing convenience and adaptability for various experimental protocols.
- **User-Friendly Operation:** The Q Dry Bath Incubator Series features a sliding operation design and light touch buttons, ensuring ease of use. The stylish and contemporary design enhances the overall laboratory experience.
- **Enhanced Experiment Environment:** Researchers have the option to mute the buzzer, reducing noise levels in the laboratory and promoting a quieter working environment.
- **Easy Maintenance and Sample Protection:** The replaceable metal block design simplifies cleaning and disinfection processes, minimizing the risk of sample contamination.
- **Q Dry Bath Incubator Series offers researchers a reliable, user-friendly, and efficient solution for various laboratory applications. With its advanced features and superior performance, this instrument significantly contributes to the advancement of scientific research.**



## Details:

Q Dry bath incubators	QDB-001	QDB-002
Temp.Control Range	R.T.+5°C ~150°C	
Temp.Setting Range	5°C ~150°C	
Time Range	1min~99h59m (00:00 is continuous)	
Block Temp. Stability@40 ~100°C	±0.5°C	
Block Temp. Stability@>100°C	±1°C	
Block Temp. Uniformity@40°C	±0.3°C	
Block Temp. Uniformity@>40°C	±0.5°C	
Temp. Display Accuracy	0.1°C	
Heating Speed	≤15min(20°C~150°C)	
Sample Capacity	1 standard block	2 standard blocks
Voltage	AC 220V/AC 110V 50Hz/60Hz	
Power	200W	400W
Dimension	W.285×D.225×H.95	W.285×D.225×H.95
Net Weight (kgs)	2.48kgs	2.64kgs

## Blocks:



Cat#	Specification	Dimension of holes	Hole bottom shape	Price in USD
BQ-06	6 mm x 42	6.5 mm	Round bottom	180 \$
BQ-07	7 mm x 42	7.5 mm	Round bottom	180 \$
BQ-10	10 mm x 20	10.5 mm	Round bottom	180 \$
BQ-12	12 mm x 20	12.5 mm	Round bottom	180 \$
BQ-13	13 mm x 20	13.5 mm	Round bottom	180 \$
BQ-15-12	15 mm x 12(7ml Centrifuge tube)	15.5 mm	Round bottom	180 \$
BQ-16	16 mm x 12(10ml/15ml Centrifuge tube))	6.5 mm	Round bottom	180 \$
BQ-19	19 mm x 12	19.5 mm	Round bottom	180 \$
BQ-20-6	20 mm x 6	20.5 mm	Round bottom	180 \$
BQ-26	26 mm x 6	26.5 mm	Flat bottom	180 \$
BQ-28	28 mm x 4(50ml Centrifuge tube)	28.5 mm	Round bottom	180 \$
BQ-40	40 mm x 2	40.5 mm	Cone bottom	180 \$
BQ-05	0.5 ml x 42	8 mm	Cone bottom	180 \$
BQ-15	1.5 ml x 24	10.8 mm	Round bottom	180 \$
BQ-20	2.0 ml x 24	10.8 mm	Cone bottom	180 \$
BQ-02-48	0.2 ml x 48	6.1 mm	Round bottom	180 \$



# Nitrogen blowing instrument

## Programmable Q Dry Bath Incubators (Single and Dual, Blocks)

### Highlights:

- + Simple or program temperature control mode.
- + Built in temperature deviation calibration function
- + Fast heating speed, Uniform heating and high stability.

### Size:

S & D

### Description

Nitrogen blowing instrument Q Dry Bath Incubator One machine for two purposes: used as a nitrogen blowing instrument Equipped with an air chamber and a special adjustable bracket to achieve the nitrogen blowing function.

### Features:

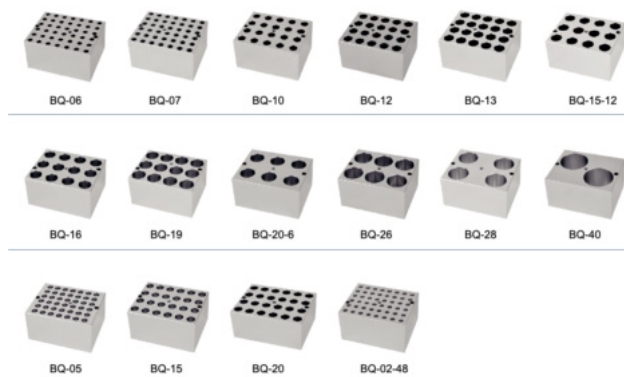
- **Rapid and Uniform Heating:** The Q Dry Bath Incubator Series excels in its fast heating speed and uniform heat distribution, ensuring efficient and consistent temperature control for optimal experimental results.
- **Precise Temperature Control:** With built-in temperature deviation calibration, researchers can rely on accurate temperature settings. The microcomputer system ensures high stability, enhancing the reproducibility of experiments.
- **Safety and Reliability:** Equipped with an over-temperature protection device, the Q Dry Bath Incubator Series guarantees safe operation while prolonging the instrument's lifespan. Additionally, automatic fault detection and a buzzer alarm function provide further security measures.
- **Compact Design with Intuitive Display:** The product's compact design optimizes space utilization in the laboratory. The high-definition color screen display offers a clear and intuitive visual experience, facilitating easy monitoring of incubation processes.
- **Flexible Temperature Control:** Users can choose between simple or program temperature control modes, providing convenience and adaptability for various experimental protocols.
- **User-Friendly Operation:** The Q Dry Bath Incubator Series features a sliding operation design and light touch buttons, ensuring ease of use. The stylish and contemporary design enhances the overall laboratory experience.
- **Enhanced Experiment Environment:** Researchers have the option to mute the buzzer, reducing noise levels in the laboratory and promoting a quieter working environment.
- **Easy Maintenance and Sample Protection:** The replaceable metal block design simplifies cleaning and disinfection processes, minimizing the risk of sample contamination.
- Q Dry Bath Incubator Series offers researchers a reliable, user-friendly, and efficient solution for various laboratory applications. With its advanced features and superior performance, this instrument significantly contributes to the advancement of scientific research.



## Details:

Q Dry bath incubators	QDB-001	QDB-002
Temp.Control Range	R.T.+5°C~150°C	
Temp.Setting Range	5°C~150°C	
Time Range	1min~99h59m (00:00 is continuous)	
Block Temp. Stability@40~100°C	±0.5°C	
Block Temp. Stability@>100°C	±1°C	
Block Temp. Uniformity@40°C	±0.3°C	
Block Temp. Uniformity@>40°C	±0.5°C	
Temp. Display Accuracy	0.1°C	
Heating Speed	≤15min(20°C~150°C)	
Sample Capacity	1 standard block	2 standard blocks
Voltage	AC 220V/AC 110V 50Hz/60Hz	
Power	200W	400W
Dimension	W.285×D.225×H.95W.285×D.225×H.95	
Net Weight (kgs)	2.48kgs	2.64kgs

## Blocks:



Cat#	Specification	Dimension of holes	Hole bottom shape	Price in USD
BQ-06	6 mm x 42	6.5 mm	Round bottom	180 \$
BQ-07	7 mm x 42	7.5 mm	Round bottom	180 \$
BQ-10	10 mm x 20	10.5 mm	Round bottom	180 \$
BQ-12	12 mm x 20	12.5 mm	Round bottom	180 \$
BQ-13	13 mm x 20	13.5 mm	Round bottom	180 \$
BQ-15-12	15 mm x 12(7ml Centrifuge tube)	15.5 mm	Round bottom	180 \$
BQ-16	16 mm x 12(10ml/15ml Centrifuge tube)	6.5 mm	Round bottom	180 \$
BQ-19	19 mm x 12	19.5 mm	Round bottom	180 \$
BQ-20-6	20 mm x 6	20.5 mm	Round bottom	180 \$
BQ-26	26 mm x 6	26.5 mm	Flat bottom	180 \$
BQ-28	28 mm x 4(50ml Centrifuge tube)	28.5 mm	Round bottom	180 \$
BQ-40	40 mm x 2	40.5 mm	Cone bottom	180 \$
BQ-05	0.5 ml x 42	8 mm	Cone bottom	180 \$
BQ-15	1.5 ml x 24	10.8 mm	Round bottom	180 \$
BQ-20	2.0 ml x 24	10.8 mm	Cone bottom	180 \$
BQ-02-48	0.2 ml x 48	6.1 mm	Round bottom	180 \$



# VortexBlind Vortex Mixers

## Highlights:

- + Speed adjustable from 0-3200rpm.
- + Standard configuration with an adapter for Ø30mm tube or smaller.
- + 3 position power switch with touch/continuous modes of operation. Wide range of accessories available.
- + LED indicator of power.

## Description

Qlabtics' VortexBlind is a vortex mixer widely used in bioscience laboratories for efficient mixing of liquids in tubes. Its versatile applications make it a useful tool in biochemical and analytical laboratories, where it can be used to mix reagents for assays or experimental samples.

## Features:

- Speed adjustable from 0-3200rpm
- Standard configuration with an adapter for Ø30mm tube or smaller.
- 3 position power switch with touch/continuous modes of operation.
- Wide range of accessories available.
- Shaded pole motor for less maintenance.
- Good corrosion resistant aluminum alloy casing exterior.
- Small rubber vacuum grippers hold the unit during operation.
- LED indicator of power.

## Technical Specifications:

Specifications	VR-001
Voltage	110-120V/220-230V,50/60Hz
Power	60W
Mixing motion	Orbital
Orbital diameter	4mm
Motor type	Shaded pole motor
Motor rating input	58W
Motor rating output	10W
Speed range	0-3200rpm
Speed display	Scale
Run type	Touch operation/Continuous
Dimension[W×H×D]	127×130×160mm
Weight	3.5kg
Permissible ambient temperature	5-40 °C
Permissible relative humidity	80%RH
Protection class	IP21



# PlateMixer

## Microplate Mixers

### Highlights:

- + High efficiency BLDC motor.
- + Small and compact design requires minimum bench top space.
- + Speed adjustable within 0-1500rpm using speed control knob.
- + Designed for mixing of single or double micro plates in orbital motion.
- + Wide range of accessories are available.
- + The standard pack includes a single micro plate clamp.



### Description

PlateMixer by Qlabtics is a microplate mixers designed for holding single microplates. Its compact shape, occupies minimal bench space, making storage and handling more convenient.

PlateMixer is widely used in life sciences, including microbiology, cell and molecular biology, immunology, and biotechnology, to facilitate various applications such as mixing, re-suspending, and washing of biological samples in microplates.

### Technical Specifications:

Specifications	PM-001
Shaking movement	Orbital
Orbital diameter	4.5mm
Max. shaking weight(with accessory)	0.5kg
Motor type	Brushless DC motor
Motor rating input	18W
Motor rating output	10W
Speed range	Single microplate: 0-1500rpm
Speed display	Scale
Voltage	100-240V,50/60Hz
Power	20W
Dimension	260×150×80mm
Weight	3kg
Permissible ambient temperature and humidity	5-40°C,80%RH
Protection class	IP21



# HandiGenizer Handheld Homogenizer

## Highlights:

- + Digital display speed.
- + High speed, high efficiency motor.
- + High quality stainless steel dispersing head, anti-corrosion, and high temperature resistance for disinfecting.
- + Easy to take off the dispersing head for cleaning.

## Description

### HandiGenizer: HandiGenizer: The Ultimate Homogenizer for Fast, Smart, and Efficient Results

HandiGenizer is a smart, handheld instrument that delivers fast and efficient homogeneous separation and emulsification. Our innovative technology works by circulating the sample in a narrow space between the high-speed, relative motion stator, and shear, breaking down the sample with ease. It is versatile and can be applied in a wide range of fields, including bio-pharmaceuticals, gene research, cell slurring, emulsions, and much more.

## Features:

Our HandiGenizer offers a range of features that make it the ultimate choice for all your homogenizing needs:

- Smart and lightweight design: HandiGenizer is designed to be operated with one hand, making it easy to use and carry around.
- Digital display speed: Our homogenizer is equipped with an adjustable speed and precise digital display speed control to avoid splashing.
- Suitable for small sample containers: HandiGenizer is perfect for homogeneous dispersion of a small amount of sample in small containers.
- High-quality stainless steel dispersing head: The anti-corrosion and high-temperature resistant properties of our stainless steel dispersing head make it easy to disinfect.
- Easy to clean: The dispersing head is easy to remove and clean after use.
- High-speed and high-efficiency motor: Our motor is engineered to provide high-speed and high-efficiency operation with a long lifespan.
- Optional H-type stand: Our optional H-type stand offers adjustable height and angle for convenient use and storage.

Model	QHG-35
Speed Range	8krpm~35Krpm(1krpm Increment)
Rotor Line Speed	6.3m/sec~14m/sec
Working Noise	72dB
Voltage	AC 220V,50Hz/ 110V,60Hz
Power Input/Output	160W/110W
Dimension	W.46xD.55xH.230mm
Net Weight	0.8kgs

## Technical Parameters:

Model	Handling Capacity	Diameter of Outer Head	Diameter of Inner Head	Gap between Outer and Inner Head	Min/Max. Dipping Depth	Price in USD
QHG-35-1	0.5-50ml	6mm	3.9mm	0.1mm	20/90mm	356 \$
QHG-35-2	1-100ml	8mm	6.1mm	0.3mm	20/107mm	356 \$
QHG-35-3	1-250ml	10mm	7.9mm	0.3mm	20/120mm	356 \$
QHG-35-4	H-Type Stand Used to hold the HandiGenizer, Height and angle are adjustable.					380 \$





# CentraSwift Compact Centrifuge

**With 12 X 10ml/ 8 X 15ml Rotor**

## Description

CentraSwift Compact Centrifuge is a compact and efficient solution designed for small volume laboratory applications. This Qlabtics clinical centrifuge is specifically tailored for medical and laboratory practices, offering precise centrifugation of blood and urine samples. Furthermore, it can be utilized for water quality analysis or soil sample testing.

## Features:

- Streamlined programming and highly accurate speed control ensure optimal performance.
- The CentraSwift centrifuge is user-friendly, featuring an easy-to-navigate menu on the display for convenient operation.
- Set the spin speed of the rotor either by RPM or G-force, providing flexibility for different sample requirements.
- The brushless DC motor boasts a long lifespan and requires zero maintenance, ensuring reliable operation.
- The press-and-hold key allows for quick spin functions, saving time during busy laboratory workflows.
- The clinical centrifuge's lid is specially designed with an electronic lock that has an automatic release function to prevent overheating and ensure safety.
- Upon start-up, the centrifuge performs self-diagnostic checks and displays the accumulative running time of the device, along with parameters from the previous run.
- The package includes a rotor for 12X 10 ml / 8 X 15ml tubes, catering to a variety of sample sizes.
- Additionally, it comes with 12 adaptors suitable for 1.5ml-3ml Vacu, 4-7 ml Vacu, 2.7-3ml collection tubes, and 2.5-8.2 ml collection tubes, allowing for versatile sample compatibility.

## Technical Parameters:

Specifications	CS-045
Speed Range	300-4500rpm, increment: 100rpm
Max. RCF	2490×g
Speed accuracy	±20rpm
Rotor Capacity	1 type/ rotor for 12X 10 ml / 8 X 15ml tubes
Run Time	30sec-99min/Continuous
Motor	Brushless DC moto
Display	LCD
Safety Devices	Door interlock, Overspeed detector; Automatic internal diagnosis
Acceleration /Braking time [Sec]	20s↑13s↓
Power	Single-phase, 110V-240V, 50Hz/60Hz, 3A 70W
Dimension [D×W×H]	301×354×217mm
Weight	6kg
Certification	CE
Advanced Features	Speed/RCF switch; Short-time run function; sound-alert function



# Qspin High Speed Mini Centrifuge

## Highlights:

- + Max. speed: 15000rpm, Max. RCF: 15100×g.
- + Rotor capacity: 12 positions of 2mL/1.5mL/0.5mL/0.2mL.
- + Two Colors.
- + Includes the rotor and adaptors..

## Description

QSpin ( High Speed Mini Centrifuge ) from Qlabtics is a high-speed centrifuge that provides efficient and reliable sample processing. This device offers a speed of up to 15000rpm (15100×g), enabling rapid separation of samples.

The QSpin features a brushless DC motor drive that quickly reaches the target speed, ensuring that samples are processed efficiently. Despite its powerful performance, the QSpin operates quietly, with a low noise level of  $\leq 54$ dB, making it a great choice for laboratories where noise reduction is crucial.

Furthermore, the QSpin has been proven by IEC/EN 61010-1, meaning it meets the international standards for safety and performance in laboratory equipment. Additionally, the QSpin has passed the rigorous explosion-proof test according to IEC/E/V 61010-2-20, ensuring the safety of the device and the laboratory environment.

## Features:

- High-speed centrifuge with a maximum speed of 15000rpm (15100×g).
- Equipped with a brushless DC motor drive for quick target speed attainment.
- Operates quietly with a low noise level of  $\leq 54$ dB.
- Meets international safety and performance standards IEC/EN 61010-1
- Passed rigorous explosion-proof test according to IEC/E/V 61010-2-20
- Include Rotor and adaptor for 0.2ml and 0.5 ml include
- QQS-013 Blue Color
- QQS-015 Gray Color

Model	QQS-013/QQS-015 Blue / Gray
Max. Speed	15000rpm(500-15000rpm), increment: 100rpm
Max. RCF	15100×g, increment: 100×g
Speed Accuracy	$\pm 20$ rpm
Rotor Capacity	0.2mL/0.5mL/1.5mL/2mL×12
Run Time	30sec-99min/Continuous
Acceleration/Braking time	11s↑/9s↓
Driving Motor	Brushless DC motor
Safety Devices	Door interlock, Over-speed detection, Over-temperature detection, Automatic internal diagnosis
Power	Single-phase, AC100V-240V, 50Hz/60Hz, 3A 100W
Noise level	$\leq 54$ dB
Dimension[D×W×H]	255mm×245mm×140mm
Weight	6kg
Other functions	Speed/RCF switch, Short-time run function, sound-alert function



# MultiSpin Mini Centrifuge 10K

## Highlights:

- + Speed adjustable from 3000-10000rpm.
- + 32 – holes Rotor.
- + LED display.
- + Low noise, stable running.

## Description

Qlabtics MultiSpin is a mini centrifuge with a unique and eye-catching design. Equipped with 2 types of rotors and several types of tube carriers for 2.0ml / 0.5ml / 0.2ml tubes and 0.2ml x 8 PCR tube strips, it is perfect for a variety of experiments.

## Features:

- Unique and attractive design
- Equipped with 2 types of rotors and several types of tube carriers for 2.0ml / 0.5ml / 0.2ml tubes and 0.2ml x 8 PCR tube strips
- User-friendly design with automatic start/stop function when opening/closing the cover
- Built-in timing function
- Clip-on fixed rotor for convenient exchanging and reliable fixation
- LED displays for speed and timing
- Silent and stable operation with free-maintenance motor for long-life and safety
- Multi-purpose for different experimental demands

## Models:

Model	QMS-010
Max. Speed	3000-10000rpm
Max. RCF	500-5400xg
Rotor	(16) 2.0/1.5/0.5/0.2ml centrifuge tubes (With 0.5ml and 0.2ml tube adapter) (16) 0.2ml PCR Strips(when speed≤6000rpm) 32 – hole Rotor.
Noise	≤55dB
Power Supply	AC110/220V±10%, 50/60Hz
External Size(W*D*H)mm	180*160*121
Package Size(W*D*H)mm	280*220*200
Net/Gross Weight(kg)	1.4/3



# SmileFuge Micro Centrifuge

## Highlights:

- + Maximum speed is 7000rpm, while its maximum RCF is 2680×g.
- + The rotor can hold 8 tubes of 0.2/0.5/1.5/2.0mL.
- + The rotor can hold 32×0.2mL PCR strips, or 4×0.2mL PCR 8 strips.
- + Max. stirring quantity 5L.



## Description

Smilefuge microcentrifuge is the perfect choice for quick spin-down applications and microfiltration. With easy-to-use operation, it begins rotating as soon as the lid is closed. It is compatible with both 2mLx8 and PCR8x4 rotors and runs quietly with a noise level of ≤45Db. Changing the rotor is a breeze, requiring no tools, and acceleration and braking take only seconds, durable rotor with a clamp locking design that ensures safety.

## Features:

- It is easy to operate, starting to rotate when the lid is closed.
- The centrifuge is compatible with 2mLx8 and PCR8x4 rotors.
- The rotor can be quickly changed without any tools.
- The centrifuge accelerates and brakes in seconds.
- The rotor has a clamp locking design for safety and durability
- The Smilefuge microcentrifuge is ideal for microfiltration and quick spin-down applications.

Model	QSF-007
Max. Speed	7000rpm
Max. RCF	2680×g
Rotor Capacity	0.2/0.5/1.5/2.0mL×8; 32×0.2mL PCR strips or 4×0.2mL PCR 8 strips
Run Time	Continuous operation
Driving Motor	DC motor
Power	AC100V-240V/50Hz/60Hz 20W
Noise Level	≤45dB
Dimension [D×W×H]	160mm×170mm×122mm
Packaging Size[D×W×H]	300mm×240mm×230mm
Net/ Gross Weight	1/2 kg



# AquaTempo

## Thermostatic WaterBath



### Highlights:

- + PID temperature control, high temperature precision, with temperature deviation alarm.
- + Lab-grade stainless steel (304) pot body for maximum hygiene and safety.
- + Equipped with a water level sensor.

### Description

AquaTempo Thermostatic Water Bath is used for incubating samples in water at a constant temperature over a long period of time, as well as for drying, concentrating, distilling chemical reagents, drugs and biological agents. It is a necessary equipment for education and scientific research in biological, genetic, viral, aquatic, environmental protection, medicine, health, biochemical laboratories and analysis rooms.

### Features:

- PID temperature control, high temperature precision, with temperature deviation alarm.
- The water tank is made of 304 stainless steel by one time stamping process, which is resistant to high temperature, corrosion and rust.
- All-round heating, rapid heating, adjustable lid locking temperature.
- Equipped with a water level sensor, when the water level is lower than the sensor, it will automatically stop heating.
- The lid of the water bath can be adapted to various sizes of containers.

### Technical Parameters:

Model	AquaTempo 2H AT-H-WB-7L	AquaTempo 4H AT-H-WB-15L	AquaTempo 6H AT-H-WB-23L
Positions/	2	4	6
Total volume	7L	15L	23L
Temp.Range	RT~100°C		
Temp.Fluctuation	±0.5 °C		
Display	OLED Display		
Function	Timing function, over-temperature alarm, anti-dry protection		
Consumption	600W	1000W	1500W
Power Supply	220V±10%,50/60Hz, 110~120V/60Hz		
Internal Size(L*W*H)mm	300*150*150	325*300*145	505*300*150
External Size(L*W*H) mm	383*236*259	383*381*264	568*376*259
Package Size (L*W*H)mm	444*324*294	444*324*444	444*324*634
Net Weight	4.24kg	5.72kg	8.02kg
Gross Weight	4.7kg	6.2kg	8.5kg



# Qlabtics Ultrasonic Cleaner

## Highlights:

- + Two cleaning modes: ultrasonic and DEGAS.
- + Precise temperature setting: 14 precise temperature setting values within 80°C.
- + Free Basket.
- + Precise time setting: Always on or 13 precise time setting values within 60 minutes.



## Description

The ultrasonic cleaner by Qlabtics is a highly versatile cleaning machine that can be used in a variety of industries, including automotive, medical, pharmaceutical, aerospace, engineering, and other industrial sectors. Its effectiveness in removing dirt, debris, and contaminants from a wide range of surfaces makes it an ideal choice for industries that require efficient and thorough cleaning processes.

The versatility of ultrasonic cleaning machines make them an ideal choice for the automotive, medical, pharmaceutical, aerospace and engineering industries, as well as many other industrial industries.

## Features:

- Temperature Range of 0-80°C: The ultrasonic cleaner allows for precise temperature control within this range, making it suitable for a wide range of applications.
- Adjustable Timer: The cleaner can be set to run for a specific time period (up to 60 minutes) or continuously, allowing for flexibility in cleaning procedures.
- Industrial-Grade Circuitry: The integrated circuitry is designed to withstand heavy usage and maintain consistent performance over time.
- Durable Construction: The tank is made of die-cast SUS304 stainless steel, providing durability and resistance to corrosion.
- Ultrasonic Mode: The cleaner uses a 40kHz ultrasonic mode for intensive cleaning, allowing for thorough removal of contaminants.
- Degas Mode: A specialized degas mode helps to remove ultrasonic fatigue from the cleaning solution, improving overall cleaning performance.
- Heating Function: The heating function allows for dewaxing and degreasing, making it suitable for cleaning a variety of materials.
- Encoded Control: The ultrasonic cleaner features high-precision encoded control, ensuring accurate and consistent cleaning results with a long service life.

## ULTRASONIC

40KHz Ultrasonic Mode for Intensive Rinse-Professional for Blind Holes Cleaning

## DEGAS

Intermittent Pause to Remove Ultrasonic Fatigue-Improve Ultrasonic Cleaning Performance

## TIME

1 ~60minutes or Always on-Encoded Control of high-precision

## HEAT

0-80°C Temperature Range Encoded Control of high-precision

Model No.	Tank Size (mm)	Overall Size (mm)	Capacity	Freq.	Ultrasonic Power	Heating Power (W)	Box Size (mm)	N.W. (KG)	G.W./Box (KG)
QUC-2L	180*140*85	220*170*218	2L	40KHz	60	100	270*235*285	2.52	2.8
QUC-3.2L	240*140*100	270*160*220	3.2L	40KHz	120	100	335*240*290	3.2	3.94
QUC-6.4L	300*155*150	330*180*280	6.4L	40KHz	180	300	435*365*350	5.2	5.85
QUC-10L	300*240*150	330*270*280	10L	40KHz	240	300	430*335*355	6.5	7.56
QUC-15L	330*300*150	360*330*280	15L	40KHz	360	400	455*390*355	8.2	9.3



# TubeFlexor Tube Roller

## Highlights:

- + Maximum load of up to 4Kg.
- + Gentle mixing in rolling motion with a capacity of 6 tubes.
- + Speed adjustable from 0-70rpm.
- + LED overload indicator



## Description

TubeFlexor by Qlabtics is designed for uniform mixing of viscous liquids, whole blood components, and blood samples contained in anticoagulation tubes or bottles. This versatile tube roller can mix samples in any type of liquid container. Its microprocessor control and digital timer ensure precise and reliable mixing every time.

## Features:

- Maximum load of up to 4Kg.
- Gentle mixing in rolling motion with a capacity of 6 tubes.
- Speed adjustable from 0-70rpm.
- LED overload indicator

## Technical Specifications:

Specifications	TF-001
Amplitude	24mm
Motor type	DC motor
Rocking motion	Rocking and rolling
Amplitude	24mm
Max. load capacity	4kg
Number of rollers	6
Roller size[length]	280mm
Speed range	0 -70rpm
Speed display	Scale
Timer	—
Timer display	—
Time setting range	—
Operation mode	Continuous
Voltage	100-240V,50/60Hz
Power	25W
Dimension [D×W×H]	450×260×120mm
Weight	4.5kg
Permissible ambient temperature and humidity	5-40°C,80%RH
Protection class	IP21



# HeatJet Hotplate Magnetic Stirrer

## Highlights:

- + Temperature range: Room temp. +5°C to 380°C. Overheat protection: 420°C.
- + Sensor control accuracy: ±20rpm.
- + Max. stirring quantity 5L.

## Description

HeatJet Hotplate Magnetic Stirrer is a highly efficient and versatile lab instrument that can handle a range of heating and mixing applications with ease. With a heating temperature range of room temperature to 380°C and overheat protection up to 420°C, it is ideal for various heating and stirring operations.

The device has a high-resolution LCD display that shows the actual temperature and speed, and with a control accuracy of ±0.1°C, it ensures precise and accurate temperature control. The external temperature sensor PT1000 with an accuracy of ±0.5°C is also provided for temperature control outside of the vessel, and the sensor control accuracy of ±20rpm ensures consistent and reliable stirring.

## Features:

- HeatJet is a heating and stirring instrument with a maximum heating temperature of 380°C.
- It features a high-resolution LCD display that shows the actual temperature and speed.
- Heatjet has a brushless DC motor that is maintenance-free.
- It comes with an aluminum cover and a ceramic work plate, which allow for immediate heat transfer.
- External temperature control is possible using a temperature sensor PT1000.
- Heatjet has digital temperature control with a maximum temperature of 380°C.
- It also has digital speed control with a maximum speed of 1500rpm.
- The maximum stirring quantity of H2O is 5L.

HeatJet	QHJ-001
Work plate material – Motor Type	Aluminum cover with ceramic coating – Brushless DC motor
Max. stirring quantity [H2O]	5L
Work plate dimension [WXH]	140×140 mm (5.5×5.5 in)
Max. magnetic bar	50mm
Speed display and Temperature display	LCD
Heating temperature range	Room temp: +5°C-380°C
Speed range	200-1500rpm
Over heat protection	420°C
Dimension [WXDXH]	320X180X108mm
External temperature sensor	PT1000 (accuracy ±0.5°C)
Control accuracy of sensor	±20rpm
Protection class	IP21
Voltage- Weight	100-120/200-240V, 50/60Hz-2.2Kg (4.9 lbs.)
Permissible ambient temperature and humidity	5-40°C, 80%RH
Clamping system	100\$





# AccuProbe Benchtop pH Meter pH/ Temp.(mV)



## Highlights:

- + Waterproof rating of IP54 ensures protection against water splashes and dust intrusion.
- + Ability to store up to 50 sets of data per parameter makes record-keeping and data analysis easy.
- + Calibration is made simple with the 1-3 points calibration system and standard recognition.
- + A high-resolution 6.0-inch LCD display screen provides clear and detailed visual feedback.

## Description

AccuProbe pH meter has become an essential tool for various industries due to the wide range of applications for pH measurement. These industries include but are not limited to colleges, environmental protection, medicine, food, health, geological exploration, metallurgy, and marine exploration.

pH measurement is crucial for detecting acid rain, analyzing surface water and industrial wastewater, as well as monitoring drinking water, beverages, daily chemical products, and textiles. The AccuProbe pH meter provides accurate pH measurements for all of these applications, making it a reliable tool for professionals in various fields.

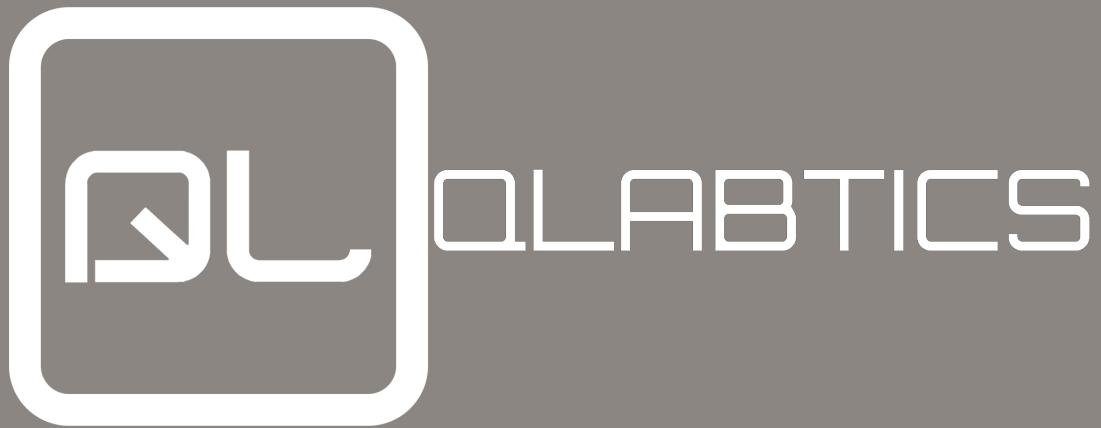
## Features:

- Waterproof with an IP54 rating.
- Can store up to 50 sets of data for each parameter.
- Offers 1-3 points calibration with standard recognition for accurate pH measurements.
- High-resolution 6.0 inch LCD display screen for clear and easy-to read results.
- Automatic/manual temperature compensation for accurate readings.



- Auto-hold feature to lock the measurement endpoint for precise readings.
- Multi-reading feature for auto-read and continuous-read.
- Reset feature to automatically resume all settings back to factory default options.
- include: probe and 3 PH buffers .
- Shaded pole motor for less maintenance.
- Good corrosion resistant aluminum alloy casing exterior.
- Small rubber vacuum grippers hold the unit during operation.
- LED indicator of power.

AccuProbe	QAP-001	
pH	Range	-02 to 18.00 pH
	Resolution	0.01 pH
	Accuracy	±0.01 pH
	Calibration Points	Up to 3
	Standard Recognition	NIST buffers
mV	Range	-1999 to 1999 mV
	Resolution	1 mV
	Accuracy	±0.1%FS
Temperature	Range	5 to 110 °C(23 to 230 °F)
	Unit	°C
	Resolution	0.1
	Accuracy	±0.
Measurement	Reading Mode	Auto Read, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	50 results each
Inputs	pH Electrode	BNC(Q9)
	Temp. Probe	4-pin aviation connector
Display options	Backlight	Yes
	Auto Shutdown	300, 600, 1200, 1800, 3600 sec., off
	IP Rating	IP54
General	AC Adapter, 100-240V AC input, DC9V output	
	Dimensions	242X195X68 mm
	Weight	900g



**Websites**

[www.qlabtics.com](http://www qlabtics.com)

[Us.qlabtics.com](http://Us.qlabtics.com)



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