



⊕ **A variety of PCR plates available**  
 > Accept skirted, non-skirted and all standard PCR plates

⊕ **Quickly spin down droplets in PCR plates**  
 > Set hot key "Short" for quick and convenient spinning

⊕ **Adjustable speed**  
 > maximum speed can reach 3000rpm

⊕ **Touchable screen displayed**  
 > LED screen and touchable

> Technical Parameters	
Model	C-MP2
Rotating speed	0-3000 rpm
Max. RCF	500 ×g
Time Range	0-99 h 59 min
Capacity	2 PCR plates
Operation Mode	Touch screen full touch input
Power	≤45 W
Fuse	1 A
Display	LED screen
Power Supply	AC220 V, 50/60 Hz
Size (W x D x H)	200 x 200 x 180 mm
Weight	4 kg



# Microplate Centrifuge

C-MP2 is an instantaneous centrifuge specially designed for microplates, which is convenient to quickly spins down droplets. Equipped with a dual-position vertical rotor, it accepts a wide variety of PCR plates, including 96-well plates, 384-well plates, skirted plates and non skirted plates.

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- ⊕ **Speed maximum up to 10,000 rpm**  
 > Adjusted speed maximum up to 10,000 rpm, freely switchable to meet different experimental requirements
- ⊕ **Designed with the composite rotor**  
 > suitable for 6x0.5/1.5/2.0ml centrifuge tubes and 2x8x0.2ml PCR tube strips
- ⊕ **Compact and lightweight**

- ⊕ **Safe to use**  
 > When over 6,000 rpm, the lid will be in a buffer before fully open, waiting for the high-speed rotating rotor to slow down for safety  
 > Electromagnetic switch: Close the lid to start and open to stop
- ⊕ **Humanized time preset**  
 > 3 sets of common time preset: 3s, 10s, 30s



## Mini Centrifuge

Genfollower Mini-Centrifuges are flexible and cost effective, allowing any workstation to be equipped with a "personal" mini centrifuge. Humanized preset timing function design enables the instrument to carry out one-click timing. The instruments are equipped with mixed rotor and a variety of tube sleeves, available for 2.0ml, 1.5ml, 0.5ml and 0.2ml centrifuge tubes.

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### > Technical Parameters

Model	GSC-10K
Rotating speed	3000~10000 rpm (1000 rpm step)
Relative centrifugal force	About 500~5300 xg
Sample handling capacity	6x0.5/1.5/2.0ml centrifuge tubes and 2x8x0.2ml PCR tube strips
Timing range	1~9999 m or continuous
Working noise	≤55dB
Input power	AC220 V, 50Hz
Size (L x W x H)	160mm x 100mm x 58mm



## Mini Vortex Mixer

MDB-05F is a hand-held thermostatic dry bath controlled by a microcomputer, and it is featured as its most advantage, super fast heating up. The instruments with small size and light weight are specially designed for use in crowded experimental bench.

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#### ⊕ Simple operation

> Push the tube into the soft attachment to start shaking, and stops when tube lifted.

#### ⊕ A variety of containers available

> maximum 50ml centrifuge tube

#### ⊕ Adjustable speed

> maximum speed can reach 4500rpm

#### ⊕ Portable

> Support car cigarette lighter to convert power supply

#### ⊕ Small size, compact and lightweight

> one hand can hold the device

#### ⊕ Two modes are available for choosing

> Pulsing mode for short time mixing sample (inching)  
 > Continuous mode (long time continuous operation)

#### > Technical Parameters

Model	MI-45
Control mode	Pulsing mode or rotation speed adjustable
Amplitude	4.5 mm
Rotating speed	Up to 4500rpm
Maximum support	50ml centrifuge tube
Size (L x W x H)	102mm x 102mm x 88mm
Power supply	DC 12V 1A, 12W; Support car cigarette lighter to convert power supply
Motor Power	1.8W
Weight	0.8kg



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# Dry Bath incubator

The GMB-0215 digital dry bath heaters are outstanding products with broad temperature range and accurate control, which also have a patent in preventing from scald. The digital panel of our products is easy and quick to operate, which gives life science researchers the convenience and the efficiency they need when working with precious samples.

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⊕ **Have a patent in anti-scald**

> When the block temperature reach to 150°C, the temperature of the panel and the body are below 50°C.

⊕ **Rapid heating time**

> Finish heating within 15min

⊕ **Digital touchable keyboard & Full screen**

⊕ **3 steps of programs preset**

> Preset programs can be changed and combined as you like.

⊕ **Wide temperature range**

> Temperature can reach to 150°C

### > Technical Parameters

Product Number	GMB-0215
Operation mode	Digital touchable keyboard
Screen	Color LCD screen
Preset program	3 steps of programs selected
Panel temp	<45°C @RT
Temp range	Amb +5° to 150°C (Amb @25°C)
Timer	1s-99h99min99s
Temp accuracy	± 0.3°C @100°C / ± 0.5°C @150°C
Temp uniformity	≤0.4°C
Heating time	≤15min
Heating Power	400W
Temp display accuracy	0.1°C
Dimensions (L x W x H)	202mm x 265.5mm x 86mm
Number of blocks	2
Weight	4.2kg
Voltage/Frequency	220v/50Hz
Warranty	1 Year
Fuse	250V/3A Φ5×20
Plug Type	AC-03



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## Mini Dry Bath Incubators

MDB-05F is a hand-held thermostatic dry bath controlled by a microcomputer, and it is featured as its most advantage, super fast heating up. The instruments with small size and light weight are specially designed for use in crowded experimental bench.

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#### ⊕ Super fast heating up

> It only takes about 5-6 minutes to rise from room temperature to 100°C

#### ⊕ Safe and secure

> Overheating protection  
> Over-temperature power-off

#### ⊕ Small size, compact and lightweight

> One hand can hold the device

#### ⊕ High appearance

> One-piece magnesium shell

> Technical Parameters	
Model	MDB-05F
Temperature control range	Amb +5° to 100°C (Amb @25°C)
Temperature setting range	0°C ~ 100°C
Cooling method	Natural cooling
Power	60W
Module temperature stability	±0.5°C @100°C; ±0.3°C @40°C
Temperature uniformity	±0.3°C
Display accuracy	0.1°C
Heating rate	≤6min (20°C→100°C)
Timing range	1s~999s or 1min~999min
Input power	AC220V, 50~60Hz
Size(L×W×H)	160mm × 100mm × 58mm
Weight	1.2kg



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## Blu-ray gel cutting apparatus

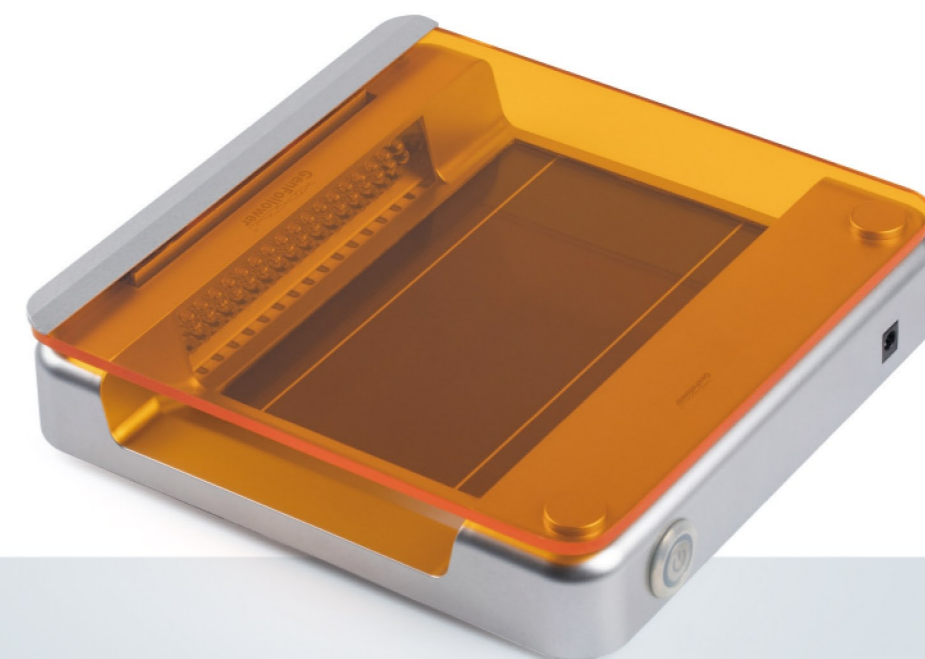
UV-C108 is a lightweight replacement of the traditional UV transmission instrument, applied in clearly observing and cutting the nucleic acid in the dyeing gel. The machine adopts world-class LED blue light source with long life, and creatively adds adjustable light intensity function to ensure the moderate brightness of the strip to the maximum extent, helping to protect your eyes and take a clear picture of the experimental results.

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- ⊕ Blue light protects users from exposure to uv damage but no damage for DNA fragments.
- ⊕ The selected optical grade shortwave cut-off filter can filter blue light efficiently, making the background of the gel picture clean and easy to observe.
- ⊕ Selected wear-resistant and scratch-resistant bottom plate.
- ⊕ The brightness can be adjusted by the brightness adjustment knob.
- ⊕ Exquisite and Compact Design and easy to carry.



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#### > Technical Parameters

Model	UV-C108
Light source wavelength	470 nm
Maximum gel size	100mm x 150mm
Size (L x W x H)	210mm x 210mm x 42mm
Power supply	DC 24V
Weight	1.5kg



- ⊕ **Built-in timing function**
  - > Able to be set mixing time within 00:00~99:59h
  - > The display window shows the remnant time to do timing
- ⊕ **Two modes are available for choosing**
  - > Pulse mode
  - > Continuous mode
- ⊕ **Make the experiment more efficient**
  - > Maximum 50 samples mixing at the same time
- ⊕ **Different types of foam tube racks and pads to replace**
  - > Support a variety of consumables
- ⊕ **Adjustable speed**
  - > Ranging from 500 rpm – 2500 rpm



> Technical Parameters

Model	MV-Mix5015
Amplitude	3.5 mm
Rotating speed	500 ~ 2500rpm
Speed control accuracy	±1 rpm
Timing	1s ~ 9999min
Pulse interval timing range	1 ~ 10s
Pulse operation timing range	1s ~ 99min59s
Maximum support weight	5 kg
Cover size (L x W)	180mm x 300mm
size (L x W x H)	382mm x 222mm x 400mm
Input power	C100-240V, 50/60 Hz, 60W
Mode	Touch, Continuous, Timing, Pulse
Weight	15 kg

## Multi-tube Vortex Mixer

MM-5015 multi-tube vortex mixer is used to prepare samples by mixing tubes just prior to testing with compact and simple in appearance. It can maximum mix 50 samples at the same time. Variety of accessories are also available to be selected to meet the mixing needs with different specifications of test tubes. Built-in continuous mode and pulse mode enable the instruments suitable for biotechnology, microbiology and medical analysis.

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# Liquid Handling Workstation

Liquid Handling Workstation is a better solution for high-throughput manual pipetting with two ranges of 0.5~20  $\mu\text{L}$  (M20) and 5~200  $\mu\text{L}$  (M200), which have been applied in many fields, such as template copying, transferring between 96-well plates and 384-well plates, orifice cleaning, dilution and ELISA / EIA.

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**⊕ Reduce pipetting steps effectively**

- > less than 6 seconds to complete one time of 96-well plate pipetting by hand
- > only 4 steps for 384-well plate with 2 times within 1 minute.

**⊕ Increase your data accuracy**

- > Start or stop the enzymatic reaction or cell experiments at the same time
- > Eliminates the difference between well to well.
- > Improves the reproducibility from well to well and from plate to plate
- > Never skips or repeats pipetting.



**⊕ Easy and safe to use**

- > Provide a ultra-fast pipetting with no programming, no plug-in and no training

**⊕ Wider applications**

Specification	Description
Cell culture Device	Set up motherboard-sub-board in a few seconds
Cell analysis	Use accurate reagents to split cells by pipetting up to 96 samples
PCR & QPCR	Pipetting the PCR/QPCR reagent to a 96-well plate
Enzyme-linked Immunosorbent assay	Quickly add reagents and start/stop reactions at the same time in all 96 wells
Protein crystallography	Quickly allocate buffers to orifice plates for suspension drop method
Drug Compound Screening	Quickly and accurately add sensors, biomolecules and compounds to 96/384-well plates
Sequencing of sample preparation	Simultaneous allocate buffers, enzymes and nucleic acids
Sorting the sample clean	Accelerate precipitation and purification via 96-channel pipetting
Standard enzyme Analysis	Accurately pipetting of enzymes, buffers and matrices to orifice plates

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Description	M20	M200
Range	0.5µL-20µL	5µL-200µL
SLAS/ANSI Position	Four	Four
Product Size(L×W×H)	320×450×390mm	320×450×390mm
Weight	13.5kg	13.5kg
Volume increment	0.02µL	0.02µL
Pipetting Technology	Air-cushion	Air-cushion
Power Requirements	N/A	N/A
Accuracy	± 1.5%	± 1.2%
Precision	≤1.0%	≤0.8%

The accuracy and precision of our products are tested according to internal SOP.

Conditions of testing are as follows:

Location: QA Lab

Ambient Temperature: 15°C~24°C

The Relative humidity: 55%~75%, incondensable

The Air Pressure: 860hPa~1060hPa

Tested Liquid: 20°C distilled water

Pipetting tips: Ultra low retention pipette tips

Pipetting type: Forward technique

Replace the pipetting tips in each test.