



# Molecular Studies

## Equipment and Accessories



### qPCR system, PCR-Q96 Series

Real-Time PCR Detection Systems are powerful and flexible instruments, featuring up to 6 fluorescent channels.

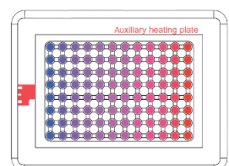
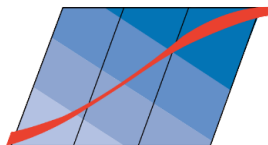
- Max. Heating/Cooling rate: 6.0° C/s
- Temperature uniformity:  $\pm 0.2^{\circ}\text{C}@60^{\circ}\text{C}$ ,  $\pm 0.2^{\circ}\text{C}@95^{\circ}\text{C}$
- No ROX correction required.
- Supported dyes: FAM/SYBR Green, VIC/JOE/HEX/TET, ABY/NED/TAMRA/Cy3, JUN, ROX/Texas Red, Mustang Purple, Cy5/LIZ

Cat No	Color	Adhesive	Packaging
802021B01	Optically clear	Pressure sensitive	100pc/pack
802021B02	Optically clear	Pressure sensitive	100pc/pack

### PCR system Thermo Cyclers

Elegant design, excellent precision, accurate, reproducible results, and precise PCR optimization. Essential for sequencing, gene cloning, gene expression, mutagenesis.

Cat No	Type	Gradient Temperature setting ( $^{\circ}\text{C}$ )	Sample capacity
PCRTC-G	Gradient	30-99 $^{\circ}\text{C}$	96 x 0.2mL PCR tube, 8 x 12 PCR plate or 96 well plate
PCRTC-S	Isocratic	-	96 x 0.2mL PCR tube, 8 x 12 PCR plate or 96 well plate





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### Micro Centrifuge, Palm type, CFG-Mini5D

Ideal for microfiltration and quick spin-down application.  
Quiet running, noise level  $\leq 45$ dB



Cat No	Color	Max. RCF	Max. Speed	Rotor Capacity
CFG-MINI5D	Green	1360 $\times$ g	5000rpm	0.2/ 0.5/ 1.5/2.0mL $\times$ 8 16 $\times$ 0.2mL PCR strips 2 $\times$ 0.2mL PCR 8 strips
CFG-MINI5D	Blue	1360 $\times$ g	5000rpm	0.2/ 0.5/ 1.5/2.0mL $\times$ 8 16 $\times$ 0.2mL PCR strips 2 $\times$ 0.2mL PCR 8 strips



Cat. No.19400015



Cat. No.19200810



Cat. No.19400029

Cat. No.19400026



### 8 Channel electronic pipette, dPette+ (0.5 - 10 $\mu$ L)

Multi-functional high-performance 8-channel electronic pipette offers productive pipetting with its easy-to-understand operations. An essential tool for molecular works with precision error as low as 0.1%.

Step 1 | Long press parameter knob (2s) to start

Step 2 | Twist function wheel to select pipetting mode

Step 3 | Twist parameter knob to unlock and adjust volume Press to pipette, hold to mix



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### Dry bath incubator, DBI-100 Series

A combination of mixing and accurate temperature control, to make your laboratory work efficient and productive



Cat No	Functions	Temperature Range	Mixing frequency
DBI-RS100	Heating, cooling & mixing	0.1 – 100°C	200rpm-1500rpm
DBI-S100	Heating & mixing	15 – 100°C	200rpm-1500rpm
DBI-100III	Heating	15 – 100°C	-

### Heating Block Accessories



0.5mL x 24



1.5mL x 24



2mL x 24



5mL x 8  
round bottom



5mL x 8  
conical bottom



15mL x 8



50mL x 4



96 well plate



384 well plate



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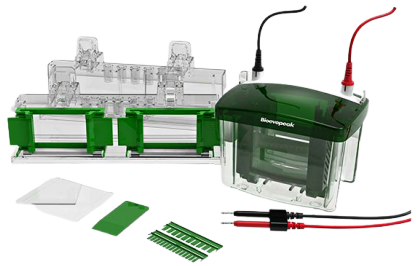
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### Electrophoresis Cell

Electrophoresis is a laboratory technique used to separate DNA, RNA, or protein molecules based on their size and electrical charge. An electric current is used to move molecules to be separated through a gel. Pores in the gel work like a sieve, allowing smaller molecules to move faster than larger molecules.

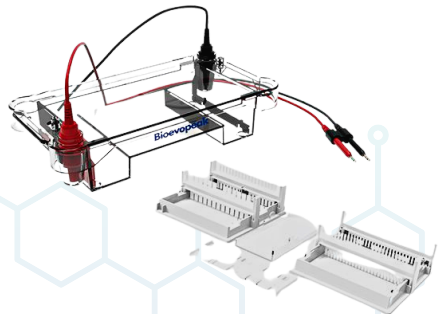
#### Vertical Type, GEP-VH-4

- Sample comb: 10 teeth
- Number of gels: 1 - 4
- Total buffer capacity: 1000mL
- Dimension: 180 x 130 x 130mm
- Thick glass plate: 5
- Thin glass plate: 5



#### Horizontal Type, GEP-HH-SUB02

- Sample comb: 2+3 - 11+25 teeth
- Gel Area: 120 x 120mm - 60 x 60mm
- Total buffer capacity: 700mL
- Dimension: 270 x 140 x 80mm
- Tray: 120mm x 120mm



#### Electrophoresis Power Supply, GEP-PW-W300

- Voltage: 10 - 300V
- Power: 75W
- Time setting: 1min - 99h59min
- Dimension: 300 x 240 x 100mm



Enquire for more specifications