

# PCR & Real-Time PCR Systems



PROMOTION

# Real-Time PCR Systems

## Q9600 Pro Series

High-performance fluorescence detection  
for accurate gene amplification



### Limited-Time Promotion

| Model    | Detection Channel      | List Price | Promo Price |
|----------|------------------------|------------|-------------|
| Q9602PRO | 2 Channels (96×0.2 mL) | €15.000    | €11.523     |
| Q9604PRO | 4 Channels (96×0.2 mL) | €17.000    | €12.899     |
| Q9606PRO | 6 Channels (96×0.2 mL) | €19.000    | €14.283     |

## Feature Q9600 Pro Series

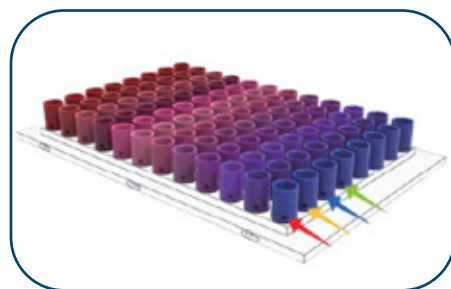
- 1 With 12.1-inch LCD touchscreen, real-time monitoring of operating conditions, and can be run offline
- 2 Up to 100 projects can be preset, and it is convenient and fast to run frequently used projects with one click.
- 3 With temperature gradient function, 12 rows of gradient temperature settings can be realized at a time.
- 4 Maximum ramping rate 8°C/s, saving the test time.
- 5 LED light source has the advantage of energy saving, environmental protection, long service life and maintenance free.
- 6 Strong fluorescence signal, low background noise and high sensitivity.



12.1" retractable LCD touch screen, the screen angle can be adjusted



Configure automation hot lid, can be used with automation workstation, improve work efficiency



Unique side scan technology, all channels can be detected simultaneously, complete the scan of all fluorescent channels of 96 samples within 5s

## Parameters Q9600 Pro Series

| Model/Specification |                                                      |           |           |
|---------------------|------------------------------------------------------|-----------|-----------|
| Model No.           | Q9602 Pro                                            | Q9604 Pro | Q9606 Pro |
| Sample Capacity     | 96 well, 12×8 strip, 96×0.2ml single tube            |           |           |
| Formats             | 0.2ml tube, 0.2ml 8-tube strips, 0.2ml 96 well plate |           |           |
| Reaction Volume     | 10–100 µL                                            |           |           |

| Temperature Control Performance |                                         |
|---------------------------------|-----------------------------------------|
| Temperature Range               | 0–100°C                                 |
| MAX. Ramp Rate                  | 8°C/s                                   |
| Temp. Fluctuation               | ≤±0.1°C                                 |
| Uniformity                      | ≤±0.2°C                                 |
| Accuracy                        | ≤±0.1°C                                 |
| Gradient Spread                 | 0.1–42°C                                |
| Hot Lid Temperature             | 30°C–115°C (Adjustable, default 105 °C) |
| Temperature Control             | Block/Tube                              |

| Optical Performance     |                                                            |                                                                                         |                                                                                                              |
|-------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Excitation Wavelength   | 300–810nm                                                  |                                                                                         |                                                                                                              |
| Emission Wavelength     | 500–810nm                                                  |                                                                                         |                                                                                                              |
| Detection Channel       | 2 channel                                                  | 4 channel                                                                               | 6 channel                                                                                                    |
| Detection Method        | All channels scan at the same time                         |                                                                                         |                                                                                                              |
| Scan Period             | 5 seconds to complete 96 well test                         |                                                                                         |                                                                                                              |
| Factory Calibrated Dyes | F1: FAM/SYBR-Green/EVA-Green<br>F2: HEX/VIC/JOE/TET/YELLOW | F1: FAM/SYBR-Green/EVA-Green<br>F2: HEX/VIC/JOE/TET/YELLOW<br>F3: ROX/Texas Red F4: Cy5 | F1: FAM/SYBR-Green/EVA-Green<br>F2: HEX/VIC/JOE/TET/YELLOW<br>F3: ROX/Texas Red<br>F4: Cy5 F5: Cy5.5 F6: CY3 |
| Excitation              | Long life LED                                              |                                                                                         |                                                                                                              |
| Detection               | High sensitivity photoelectric detector                    |                                                                                         |                                                                                                              |
| Dynamic Range           | 1–10 Copies                                                |                                                                                         |                                                                                                              |
| Sensitivity             | 1 copy                                                     |                                                                                         |                                                                                                              |



## Parameters Q9600 Pro Series

| Control System      |                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lid Operation       | Automatic hot lid                                                                                                                                                      |
| Feature Function    | Qualitative/absolute quantification, relative quantitative, genotyping, HRM, melting curve, standard curve, allele identification, temperature gradient function, etc. |
| Data Management     | Audit Trail System                                                                                                                                                     |
| Operation System    | Win7,Win10,Win11                                                                                                                                                       |
| Remote Monitoring   | Can be connected to laboratory management system                                                                                                                       |
| Automation Platform | Can be used with automated workstations                                                                                                                                |
| Data Export Formats | xls, csv, txt, pdf, jpg                                                                                                                                                |
| Printing            | Report can be printed directly                                                                                                                                         |
| Control Method      | 12.1-inch retractable LCD touch screen control or connect to computer control                                                                                          |
| Communication       | USB2.0, RS232                                                                                                                                                          |

| Other Performance |                      |
|-------------------|----------------------|
| Dimension         | 520×350×330mm(L×W×H) |
| Weight            | 32KG                 |
| Voltage           | 100-220VAC, 50-60Hz  |
| Power             | 1500W                |



PROMOTION

# PCR Thermal Cyclers

## RePure Series

Reliable and flexible thermal cycling  
for every lab application

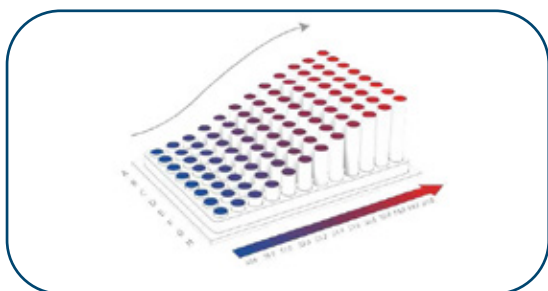


### Limited-Time Promotion

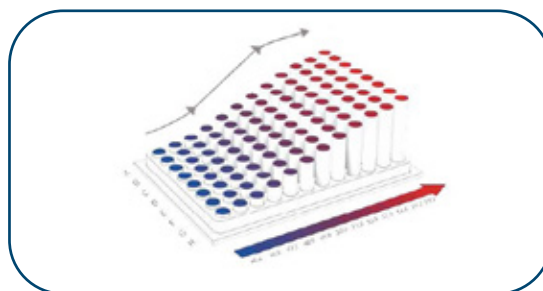
| Model          | Detection Channel              | List Price | Promo Price |
|----------------|--------------------------------|------------|-------------|
| RePure-A       | 96×0.2 mL, Normal Gradient     | €3.800     | €3.099      |
| RePure-A(F)    | 96×0.2 mL, Normal Gradient     | €4.500     | €3.599      |
| RePure-A (384) | 384 well, Normal Gradient      | €4.400     | €3.499      |
| RePure-B       | 16×0.2 mL ×6, Dynamic Gradient | €4.800     | €3.799      |
| RePure-F       | 96×0.2 mL, Normal Gradient     | €5.200     | €3.999      |
| RePure-C       | 96×0.2 mL, 2D Gradient         | €6.200     | €4.699      |

## Feature RePure Series

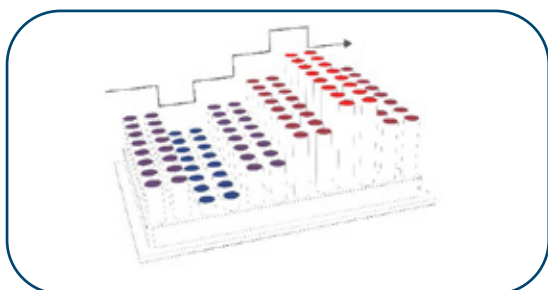
- 1 Long service life Peltier heating units.
- 2 High heating and cooling rate, max. Ramping rate 9.5°C/s, can save your precious time.
- 3 Gradient types are normal gradient, linear gradient, dynamic gradient, and two dimensional gradient.
- 4 Air channel is in front and back and it allows machines to be placed side by side.
- 5 Hot lid temperature is adjustable to meet different experimental needs.
- 6 WIFI module built-in, one unit can control multiple PCR machines through computer or cell phone with internet connection.



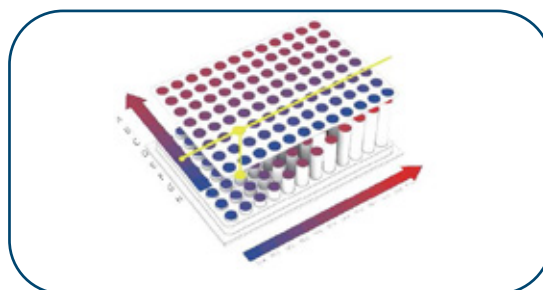
Normal



Linear



Dynamic



Two Dimensional

## Parameters RePure Series

| Model/Specification |                                                                                             |                                                      |                    |                                                                                        |          |          |
|---------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------|----------|----------|
| Model No.           | RePure-A                                                                                    | RePure-A(F)                                          | RePure-A(384)      | RePure-B                                                                               | RePure-F | RePure-C |
| Sample Capacity     | 96×0.2ml                                                                                    |                                                      | 384well            | 6×16×0.2ml                                                                             | 96×0.2ml |          |
| Formats             | 0.2ml tube,<br>8 strips,12 strips,<br>Half skirt 96 wells plate,<br>No skirt 96 wells plate | 0.2ml tube,<br>8 strips,12 strips,<br>96 wells plate | 384 PCR microplate | 0.2ml tube, 8 strips, 12 strips,<br>Half skirt 96 wells plate, No skirt 96 wells plate |          |          |
| Reaction Volume     | 5-100μL                                                                                     |                                                      | 5-30μL             | 5-100μL                                                                                |          |          |

| Temperature Control Performance |            |            |            |            |            |              |
|---------------------------------|------------|------------|------------|------------|------------|--------------|
| Temperature Range               | 0-105°C    |            |            |            |            |              |
| MAX. Ramp Rate                  | 6°C/s      | 7°C/s      | 5°C/s      | 6°C/s      | 8°C/s      | 9.5°C/s      |
| Uniformity                      | ≤±0.2°C    |            |            |            |            |              |
| Accuracy                        | ≤±0.1°C    |            |            |            |            |              |
| Display Resolution              | 0.1°C      |            |            |            |            |              |
| Temperature Control             | Block/Tube |            |            |            |            |              |
| Ramping Rate Adjustable         | 0.01-6°C/s | 0.01-7°C/s | 0.01-5°C/s | 0.01-6°C/s | 0.01-8°C/s | 0.01-9.5°C/s |
| Hold at 4°C                     | Forever    |            |            |            |            |              |

| Gradient Performance |               |  |                                      |                                          |
|----------------------|---------------|--|--------------------------------------|------------------------------------------|
| Gradient Temp. Range | 30-105°C      |  |                                      |                                          |
| Gradient Type        | Normal/Linear |  | Dynamic                              | Normal/Linear/2D                         |
| Gradient Spread      | 0.1-42°C      |  | Six zone,<br>each zone is<br>0.1-5°C | Horizontal:0.1-42°C<br>Vertical:0.1-30°C |

| Hot Lid Function    |          |
|---------------------|----------|
| Hot Lid Temperature | 30-115°C |



## Parameters RePure Series

| Software Function         |                                                                                                                          |                                     |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Number of Programs        | 200,000+(USB FLASH)                                                                                                      |                                     |
| Max. No. of Step          | 30(Multiple nested PCR experiments)                                                                                      | 40(Multiple nested PCR experiments) |
| Max. No. of Cycle         | 200(Up to 100,000 in nested cycles)                                                                                      |                                     |
| Time Increment/Decrement  | 1s-600s, Long PCR is available                                                                                           |                                     |
| Temp. Increment/Decrement | 0.1-10.0°C, Touchdown PCR is available                                                                                   |                                     |
| Pause Function            | Yes                                                                                                                      |                                     |
| Auto Data Protection      | Yes                                                                                                                      |                                     |
| Temperature Curve         | Record hot lid and module temperatures in real time, with a 60-minute recording time on a single page and a sliding view |                                     |
| GLP Report                | Record the running information of each step of the program, and can export CSV, PDF format report                        |                                     |
| File Encryption Function  | Individual program files can be encrypted                                                                                |                                     |
| User Management Privilege | Three levels of access (administrator, user, guest)                                                                      |                                     |
| Email Notification        | Email notification after experiment is over                                                                              |                                     |
| Lock Screen Function      | Prevents accidental termination of the program being experimented on                                                     |                                     |
| PC-LINK Function          | Simultaneous on-line monitoring of more than 250 instruments                                                             |                                     |
| Mobile Phone APP          | Simultaneous on-line monitoring of more than 250 instruments                                                             |                                     |

| Other Performance |                           |                           |                            |
|-------------------|---------------------------|---------------------------|----------------------------|
| Communication     | USB 2.0,WIFI              |                           |                            |
| Dimensions        | 385mm×270mm×255mm(L×W×H)  |                           |                            |
| Weight            | 10kg                      |                           |                            |
| Power Supply      | 100-240VAC, 50/60Hz, 600W | 100-240VAC, 50/60Hz, 750W | 100-240VAC, 50/60Hz, 1200W |



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