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Link do produktu: <http://www.novazym.sklep.pl/gene-explorerer-triple-p-3667.html>



Gene-Explorer Triple

Opis produktu

**GENE-EXPLORER
TRIPLE**





- ◊ Universal wide range voltage power supply, applicable to any country's voltage;
- ◊ Embedded active PFC, allow above 95% effective power;
- ◊ Overvoltage protection circuit, overload protection circuit, short-circuit protection circuit and over-temperature protection circuit built-in;
- ◊ UL/CB/CE certificate.



- ◊ 6 pieces Marlow(US) peltier, 3 circuit temperature allows double block gradient function;
- ◊ 200,000 cycle times, above 3 years extra long service life;
- ◊ non constant width design to prevent ceramic deformation;
- ◊ environment-friendly high-sealing RTV silicone to prevent moisture entering into the device;
- ◊ Impedance and planeness strictly selected to ensure uniformity;
- ◊ High heating and cooling rate, max. ramping rate 5°C/s;
- ◊ Peltier Based technology, more accurate, more reliable, more environment-friendly.



- ◊ Samsung ARM11 core board, 677MHZ
- ◊ 1G flash, 256M memory;
- ◊ High sensitivity, quick response, touch and go.



- ◊ Imported professional industry cooling fan, extra long service life with an average 70000 hours normal running;
- ◊ Double ball bearing, high wind, low noise;
- ◊ UL/CE certificate.



- ◊ Windows CE 6.0 operating system;
- ◊ Support USB mouse, USB keyboard, and NI;
- ◊ Nice interface, powerful function, safe and stable.



- ◊ Booting self-testing function to ensure PCR normal running and get PCR condition in first time;
- ◊ Sensor fault warning, over temperature warning and other warnings, 28 types in total, ensure PCR in safe and reliable condition.

- 6 long service life Peltier heating units and form 3 circuits to control 3 temperature zones.
- Reinforced aluminum module with anodizing technology can keep rapid heating-conducting property and have enough corrosion resistance.
- Stepless adjustable hot lid with pressure-protection, fit tubes of different heights to avoid tube melt and evaporation.
- Windows interface, 8" (800 x 600, 16 colors) TFT color touch-screen with graphical display provides easy use for setting up and monitoring.
- The running program and left time can be displayed in real time, allow to edit file when program is running.
- One-click quick incubation function can meet experiment's needs such as denaturation, enzyme cutting/enzyme-link and ELISA.
- Automatic restart after power failure. When power is restored it can continue to run unfinished program.
- GLP report records every step to provide accurate data support for experiment result analysis.
- Support USB and LAN to update software.
- One computer can control many sets of PCR via network connection.
- High heating and cooling rate, max. Ramping rate 4.5 °C/s, can save your precious time.
- 3 blocks independently controlled and can run 3 different PCR programs simultaneously.
- Built-in 11 standard program file template, can quickly edit the required files.
- Folder management, user can build directory.
- Internal flash memory for 10000 typical PCR files in free configurable folders.
- Hot lid temperature and hot lid work mode can be set to meet different experiment's need.
- User Login Management, three-tier permission, password protection function to ensure data security.
- Compatible with devices such as Mouse and Keyboard and capable to transfer data and perform software updates via USB Drive.
- Mini type Bluetooth printer as an option, easily record information.

TECHNICAL SPECIFICATIONS

| Product model | GET3X |
|---------------------------|-------------------------------------------------------|
| Capacity | 3 × (32 × 0.2ml) |
| Temperature Range | 0 ~ 100°C |
| Heating Rate | 4.5°C/s |
| Cooling Rate | 4°C/s |
| Uniformity | ≤ ± 0.4°C |
| Accuracy | ≤ ± 0.3°C |
| Display Resolution | 0.1°C |
| Temperature Control | Block\Tube |
| Ramping Rate Adjustable | 0.1 ~ 4.5°C |
| Gradient Mode | 3 different gradient PCR programs simultaneously |
| Gradient Temp. Range | 30 ~ 100°C |
| Hot Lid Temperature | 30 ~ 110°C |
| Hot Lid Height Adjustable | Stepless Adjustable, hot lid with pressure-protection |
| Number of Programs | 10000 +(USB FLASH) |
| Max. No. of Step | 30 |
| Max. No. of Cycle | 100 |
| Time Increment/Decrement | 1 Sec ~ 600 Sec |
| Temp. Increment/Decrement | 0.1 ~ 10.0°C |
| Pause Function | Yes |
| Auto Data Protection | Yes |
| Hold at 4°C | Forever |
| Language | English |
| Print | Yes (BLUETOOTH PRINTER AS AN OPTION) |
| LAN to computer | Yes |
| LCD | 8 inch, 800 × 600 pels, TFT |
| Communication | 2USB2.0 , LAN |
| Dimensions | 390mm × 270mm × 255mm (L × W × H) |
| Weight | 9kg |
| Power Supply | 85 ~ 264VAC , 47 ~ 63Hz , 600 W |