



Thermal Cyclers GET-S

CODE ZFD019

The Nahita Blue thermal cycler model GET-S is an advanced equipment that incorporates modern technologies, thanks to which it has functions that allow to satisfy the rigorous requirements of the experiments, providing an excellent performance of the PCR technique.

- Six long-life Peltier heating units form 3 circuits to control 3 temperature zones.
- Reinforced aluminium module with anodised technology facilitates rapid heat conduction and offers high corrosion resistance.
- Short heating and cooling times thanks to high heating and cooling rates; maximum heating rate of 4.5°C/s.
- Steplessly adjustable hot lid, fits tubes of different heights to prevent melting and evaporating.
- Android operating system, high-definition TFT capacitive touch screen (8", 800×600 pixels, 16 colours), with graphical interface for easy configuration and monitoring.
- It incorporates 11 standard program file templates, allowing you to quickly edit the necessary files.
- Folder management allows the user to create directories.
- The running program and the remaining time can be displayed in real time; it is possible to edit the file when the program is running.
- Quick, one-click incubation function can meet the needs of experiments such as denaturation, enzyme cleavage/ enzyme ligation and ELISA.
- Internal memory for 10000 typical PCR files in free configurable folders.
- The temperature of the hot lid and the working mode of the hot lid can be adjusted to meet the needs of different experiments.
- Automatic restart after a power failure. When the power is restored, you can continue to run the unfinished program.
- The GLP report records each step to provide accurate data to support the analysis of the experiment results.
- User login management, three-level permission, password protection function to ensure data security.
- Supports USB memory stick to obtain PCR data and update software; USB mouse can also be used to control the thermal cycler.
- Built-in WiFi module, one device can control multiple PCR devices at the same time via mobile APP or PC software.
- Email alert function when the experiment has ended.





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Technical specifications

Model	GET-S
Code	ZFD019
Capacity	96×0.2 mL
Reaction volume	10-120 μ l
Temperature range	0-105 °C
Max. heating rate	4.5 °C/s
Max. cooling rate	4 °C/s
Temperature uniformity	$\leq \pm 0.2$ °C
Temperature accuracy	$\leq \pm 0.1$ °C
Display resolution	0.1 °C
Temperature control	Block \ Tube
Ramping rate adjustable	0.1-4.5 °C
Gradient temperature range	30-105 °C
Gradient spread	1-30 °C
Hot lid temperature	30-110 °C
Hot lid height adjustable	Stepless adjustable
Number of programs	10000+ (USB FLASH)
Max. number of steps	30
Max. number of cycles	200
Time Increment/Decrement	1 sec - 600 sec
Temperature Increment/Decrement	0.1-10.0 °C
Pause function	Yes
Auto data protection	Yes
Hold at 4 °C	Forever
LAN to computer	Yes
Touch screen	8-inch, 800×600 Pixels, TFT
Communication	USB2.0, LAN, WiFi
Languages	English / Spanish / French
Dimensions	390mm×270mm×255mm (L×W×H)
Weight	9kg
Power supply	100-240VAC, 50/60Hz, 600W

