

WeeSeries

TFT color capacitive touch screen
(5 inches, 800×480 pixels)



Portable
Wee16™ Go
(With car charger
adapter)



Most advanced
Peltier based
semiconductor
technology

Ultralight
Sleek
Compact 3Kg

HIMEDIA®
For Life is Precious

Product introduction :

Wee 16™, Wee 16™ Go & Wee 32™ uses Marlow(US) peltier. The product combines a variety of advanced technologies:

- Maximum Ramping rate is 5 °C/s
- Android system;
- Color touch screen;
- Gradient function; wifi module built-in;
- Support cell phone APP control;
- Email notification function;
- Big storage capacity and support USB device.

User profile

- DNA Cloning
- Genetic Engineering
- Sequencing
- DNA based 'phylogeny'
- Hereditary diseases
- Genetic fingerprints (forensic)
- Diagnosis of 'infectious diseases'



Wee32™

Exceptional Values

Industry-leading reliability & performance at an affordable price.

Unmatched Thermal Performance

Precise, uniform heating and cooling ensures superior reproducibility and highest quality results.

Effortless, Intuitive Programming & Operation

Powerful software is easy to learn and easy to use, even for new operators.

Sleek and Small Design

Compact design and size optimizes available bench space.



Wee 32™

Data for *E.coli* O157:H7 using E.coli O157:H7 Detection Kit (MBPCR002)

Lane 1	100 bp ladder
Lane 2	<i>E. coli</i> O157:H7 Amplicon (450bp)
Lane 3	<i>E. coli</i> O157:H7 Amplicon (450bp) with internal control (685 bp)
Lane 4	Negative control



Wee 32™

Data for *Plasmodium* spp. detection from Blood spotted on InstaDNA™ Card (MBT126)

Lane 1	100 bp Ladder
Lane 2, 3	Positive Control
Lane 4	Negative control

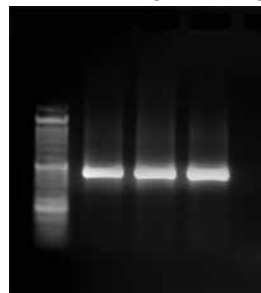
Specifications :

1. Reinforced aluminum module with anodizing technology can keep rapid heating-cooling property and have enough corrosion resistance;
2. Max. Ramping rate 5°C/s;
3. TFT color capacitive touch screen (5 inches, 800×480 pixels), graphical menu navigation interface, very easy to operate;
4. Built-in 11 standard program file template, can quickly edit the required files;
5. The running program and remaining time can be displayed in real time;
6. Allow to edit file when program is running;
7. One touch quick incubation function;
8. Hot lid temperature and hot lid work mode can be set to meet different experiment's need;
9. Automatic restart after power failure;
10. Support USB to store and copy PCR data, user can control PCR by USB mouse;
11. Update software by USB and LAN;
12. Wi-Fi module built-in;
13. Compatible with 0.2 ml / 0.1 ml tubes;
14. A Convenient USB port is outfitted on system for data transfer & product updates;
15. User password protected : secure system access.



Wee16™ Go
(With car
charger adapter)

L1 L2 L3 L4 L5



Wee16™ Go

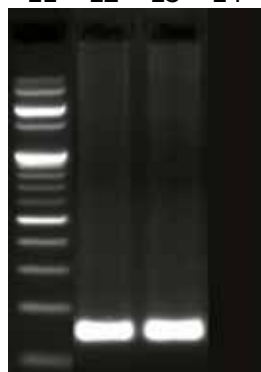
Data (In running car) for GAPDH
PCR using Hiscript One Step
RT-PCR Kit (MBT095)

Lane 1	50 bp Ladder
Lane 2, 3, 4	Positive Control
Lane 5	Negative control



Wee16™

L1 L2 L3 L4



Wee16™

Data for 18S PCR from blood
spotted on Insta DNA card
(MBT126)

Lane 1	100 bp Ladder
Lane 2, 3	Positive Control
Lane 4	Negative control

Technical Specifications:

Product Name & Code	Wee 16™ (LA 1059)/Wee 16™ Go *(LA1066)	Wee 32™ (LA 1060)
Capacity	16×0.2ml(4×4 layout)	32×0.2ml(4×8 layout)
Tube	0.2ml single tube	0.2ml single tube, 8 strip
Temperature Range	4~100°C	
MAX. Heating Rate	5°C/s	
MAX. Cooling Rate	4°C/s	
Sample Ramp Rate	4-4.5°C/s	
Uniformity	±0.2°C	
Accuracy	±0.2°C	
Display Resolution	0.1°C	
Temperature Control	Block/Tube	
Ramping Rate Adjustable	0.1~5°C	
Gradient Temp. Range	—	30~100°C
Gradient Spread	—	1~30°C
Hot Lid Temperature	30~110°C	
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	
Computer Software	Yes	
Mobile phone APP	Yes	
LCD	5 inch, 800×480 pixels, 65K color	
Communication	USB2.0 , wifi	
Dimensions	267mm×190mm×115mm (L×W×H)	
Weight	3kg	3.2kg
Power Supply	85~264VAC , 47~63Hz , 120 W	85~264VAC , 47~63Hz , 200W
Warranty	2 years	

*With car charger adapter

