



Heal Force

Heal Force Thermal Cycler

PCR platform you can depend on



Heal Force leads you to healthier life



A trusted brand delivering your choice

Global coverage, Service and support

For over 10 years we have specialized in thermal cyclers with proven performance and unmatched combination of features, just right for every laboratory, whether you run only a few samples per week or perform high-through processes.

Thousands of our products are in daily use around the globe, helping scientists, health professionals and laboratory managers achieve high levels of accuracy and consistency in their work.

Our dedication to PCR is a guarantee that we will continue to provide best solutions with the best services for many years to come.

We believe in giving our customers a choice in how they use our thermal cyclers, supported by excellent service and support. We aim to deliver value for our customers who partner with us and we believe that responsibility is the keystone for all our business activities.



Every Heal Force solution comes complete with one extra feature – first class service and support wherever you are in the world. Our service engineers apply their expertise to guide installation, validation and maintenance of your PCR thermal cycler solution in compliance with all the relevant codes.

Delivering Service Excellence

First-time-fix and customized service contracts to suit budgets and demand.

Training

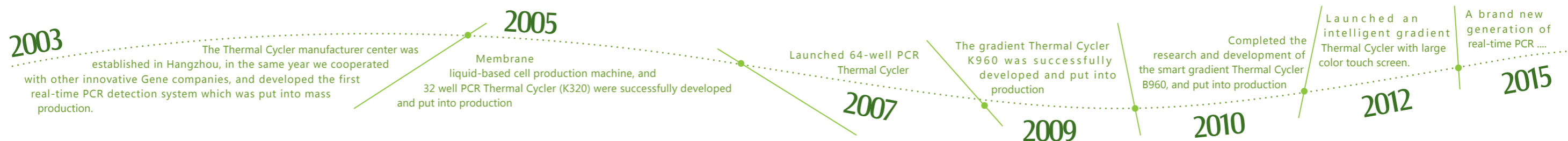
'Hands on' operation training (on or off site) to get you up and running first time.

Right Solution, First Time

We combine the information about your applications - sequencing, cloning, genotyping, mutagenesis, ect, lab design and budget to ensure you get the right solution for your particular needs.



Welcome to Heal Force



K960 Gradient Thermal Cycler

The most advanced semiconductor technology (Peltier based)

No matter how you configure your K960 gradient thermal cycler system, it provides the high-end performance you need, easily adapts to meet your lab's changing PCR needs, and helps you stay within your budget. Designed for trouble-free, long-life operation even in the most rigorous environments, the K960 delivers outstanding reproducibility—well-to-well, sample-to-sample, and instrument-to-instrument.



Interchangeable Blocks



Adjustable Hot Lid



Hermetic Seal Protects Blocks from Condensation



Product features

- Convenient and flexible module replacement modular.
- Large size super-high-definition LCD screen.
- Intuitive, user-friendly interface makes program easier and faster.
- Memory function in case of power-down.
- Low noise, low energy consumption, long service life.
- Solemn, elegant appearance, innovative design.
- Adjustable hot lid prevents reagents from evaporating.
- Optimal panel keypad design for convenient operation.
- Heated lid could be positioned at any angle.
- Handle-module, more secure and convenient for module replacement, improving interchanging efficiency and long life span.

Instrument working conditions:

Ambient temperature: 5°C-30°C

Relative humidity: < 90%

Power supply: AC110V±22V, 220V±22V, 250VA, 50Hz±10Hz

Instrument storage conditions:

Ambient temperature: -20°C-55°C

Relative humidity: < 90%



Technical parameters

Model	K960-A; K960-B; K960-C; K960-D
Capacity	96×0.2mL(A); 54×0.5mL(B); 96×0.2mL+77×0.5ml (C); 384well (D)
Temp range	0°C~99.9°C (Rt≤30°C)
Max cooling rate	≥3.5°C/s
Max heating rate	≥4.0°C/s
Heating/cooling rate	1°C/s~4°C/s (Adjustable)
Uniformity	≤±0.2°C (20~75°C), ≤±0.3°C (95°C)
Accuracy	≤±0.2°C
Gradient temp range	30°C~99°C
Gradient spread	2°C~30°C

Gradient uniformity	≤0.2°C
Heated lid temp	30°C~115°C
Environment model	Manual select
Temp control	block, tube, calculated
Stored program No.	200
Max. No. of Cycle	99
Display	5.7inch, 320×240pels LCD
Communication	USB2.0 / Rs232
Size	380mm(W)×270mm(D)×250mm(H)
Weight	7.2kg
Power supply	110V-220V international general voltage