



Heal Force

# Heal Force Thermal Cyclers

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

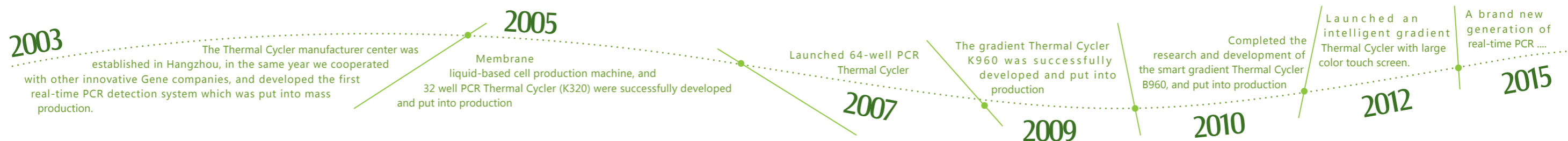
'Hands on' operation training (on or off site) to get you up and running first time.

### 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



# K640 Thermal cycler

## Product features

- Adjustable pressure hot lid, to prevent volatilizing and dewing.
- Hot lid with pressure alarm device, to prevent damaging test tube from too much pressure.
- Convenient and flexible module replacement mode.
- Innovative module wire socket design achieves module replacement without wire.
- The unique separate design of amplification and operating area makes users safer and more convenient.



## Technical parameters

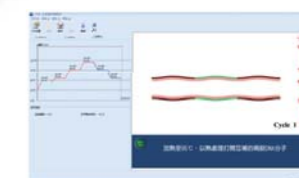
Capacity	64×0.2mL; 36×0.5mL
Temp range	4°C ~ 99.9°C
Max heating rate	2.5°C/s
Max cooling rate	2.5°C/s
Temp display accuracy	0.1°C
Accuracy	±0.2°C
Temp fluctuation	±0.1°C
Uniformity	±0.3°C (20~72°C), ±0.5°C (95°C)
Max program unit	9
Max cycle steps	9
Max cycle No.	99
Max constant temperature time	50m59s
Max constant temperature preservation time	99h59m
Stored program No.	100
Size	370mm(W)×250mm(D)×230mm(H)
Weight	5kg



# K160 Mini-PCR

## Product features

- It is small-sized and easy to program with an intuitive user interface.
- The lid adopts the high temperature resistant material and applicable to various types of test tube.
- Memory function in case of power-down.
- Two control modes: PCR control through the PC operating software
- It helps students understand PCR process with animated presentation through PC software
- Achieve circulation nesting.



## Technical parameters

Capacity	30×0.2mL(A); 9×0.5mL(B); 16×0.2mL+9×0.5mL(C)
Temp range	0°C ~ 99.9°C (Rt≤30°C)
Max heating rate	≥2°C/s
Max cooling rate	≥2°C/s
Uniformity	±0.3°C (constant 10s)
Accuracy	±0.2°C
Temp control	Block
Stored program No.	3
Max. No. of Cycle	99
Display	12864LCD
Communication	serial port
Size	160mm(W)×140mm(D)×120mm(H)
Weight	2.2kg



## Optional instruments

