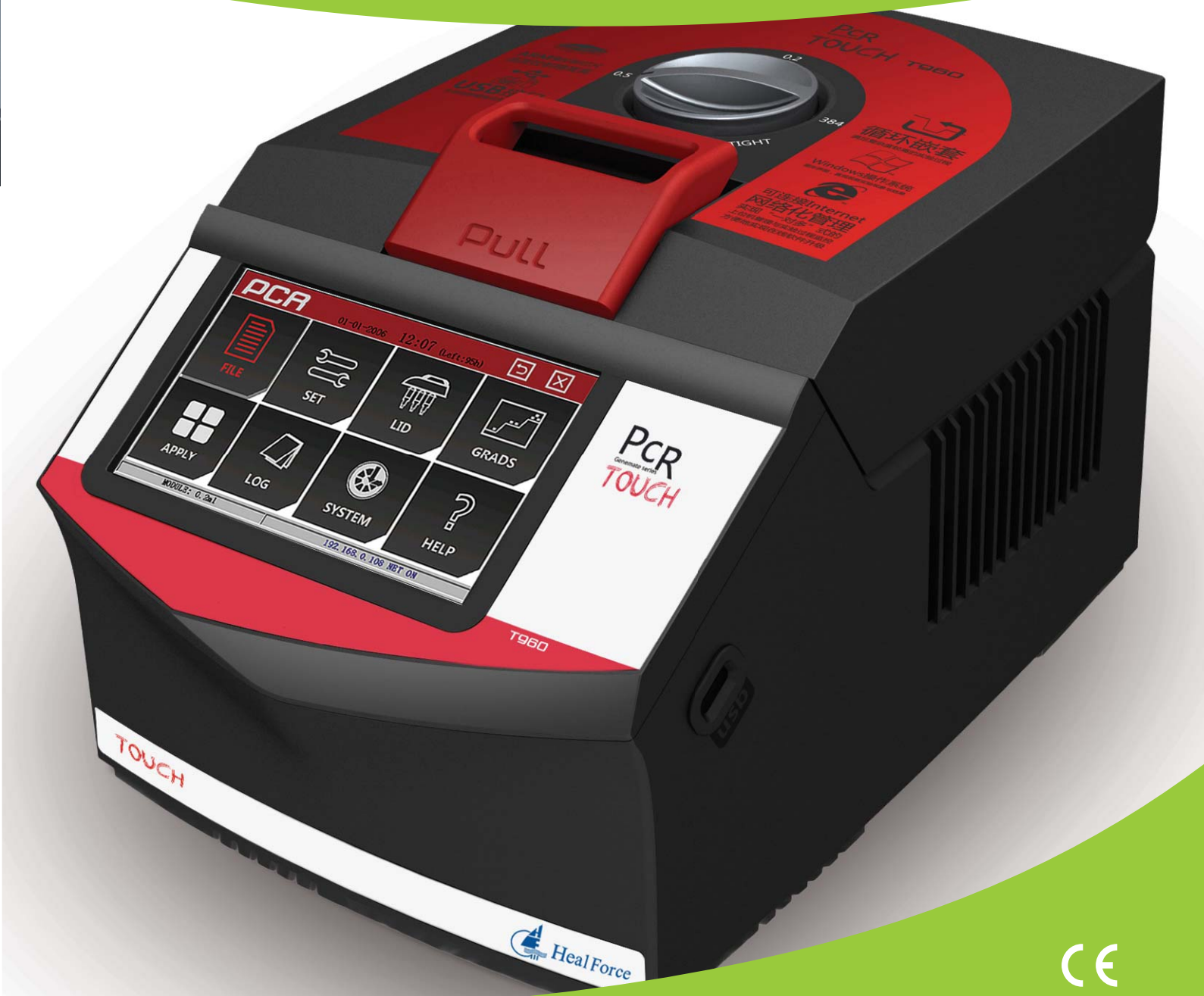
Heal Force

Heal Force Thermal Cycler

PCR platform you can depend on



CE

Heal Force leads you to healthier life

A trusted brand delivering your choice

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 secientists, health professionals and laboratroy 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 belive that responsiblitity is the keystone for all our business activities.

Global coverage, Service and support

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, cloing, genotying, mutagenesis, ect, lab design and budget to ensure you get the right solution for your particular needs.

Welcome to Heal Force

2003 The Thermal Cycler manufacturer center was established in Hangzhou, in the same year we cooperated with other innovative Gene companies, and developed the first real-time PCR detection system which was put into mass production.

2005 Membrane liquid-based cell production machine, and 32 well PCR Thermal Cycler (K320) were successfully developed and put into production

2007 Launched 64-well PCR Thermal Cycler

2009 The gradient Thermal Cycler K960 was successfully developed and put into production

2010 Completed the research and development of the smart gradient Thermal Cycler B960, and put into production

2012 Launched an intelligent gradient Thermal Cycler with large color touch screen.

2015 A brand new generation of real-time PCR ....

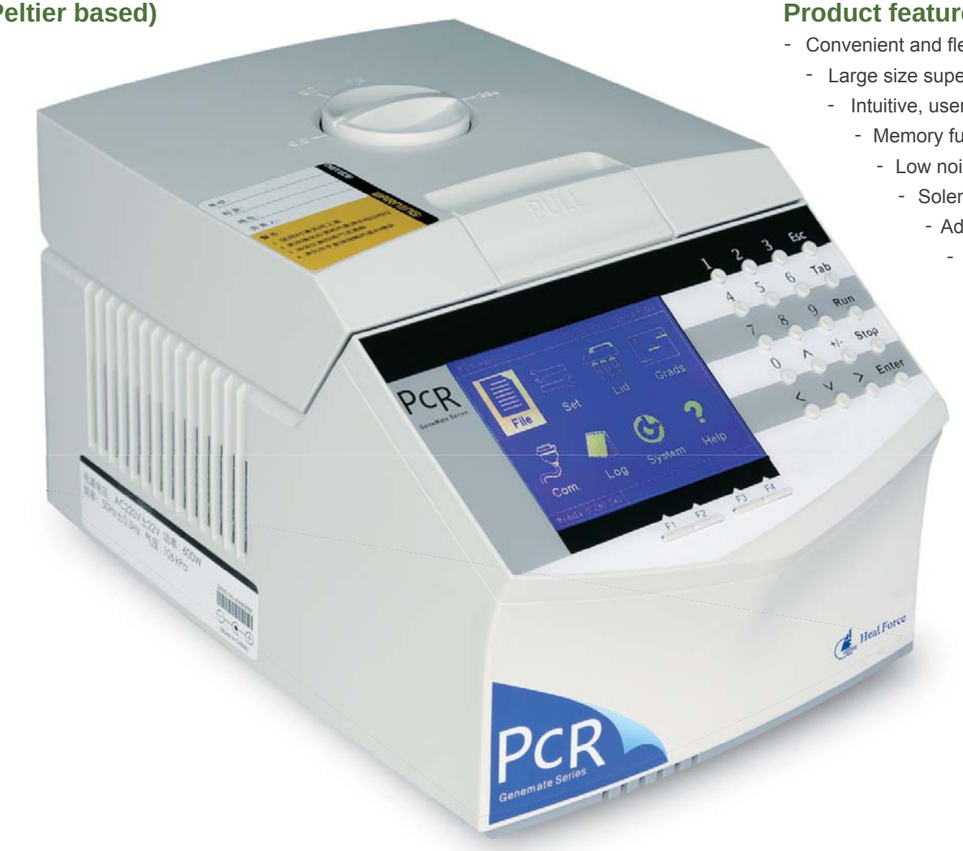
K960
Gradient Thermal Cycler

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 Consendation

Product features

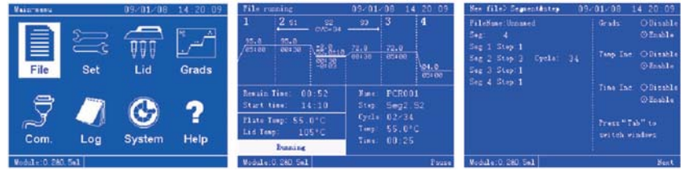
- Convenient and flexible module replacement modual.
- Large size super-high-definition LCD screen.
- Intuitive, user-friendly interface makes program easier and faster.
- Memory function in case of power-down.
- Low noise，low energy consumption, long service life.
- Solemn, elegant appearance, innovative design.
- Adjustable hot lid prevents reagents form 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℃-30℃
Relative humidity: ＜90%
Power supply: AC110V±22V, 220V±22V,250VA,50Hz±10Hz

Instrument storage conditions:

Ambient temperature: -20℃-55℃
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℃~99.9℃(Rt≤30℃)
Max cooling rate	≥3.5℃/s
Max heating rate	≥4.0℃/s
Heating/cooling rate	1℃/s~4℃/s（Adjustable）
Uniformity	≤±0.2℃(20~75℃),≤±0.3℃(95℃)
Accuracy	≤±0.2℃
Gradient temp range	30℃~99℃
Gradient spread	2℃~30℃

Gradient uniformity	≤0.2℃
Heated lid temp	30℃~115℃
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