



Bring Technology to Life

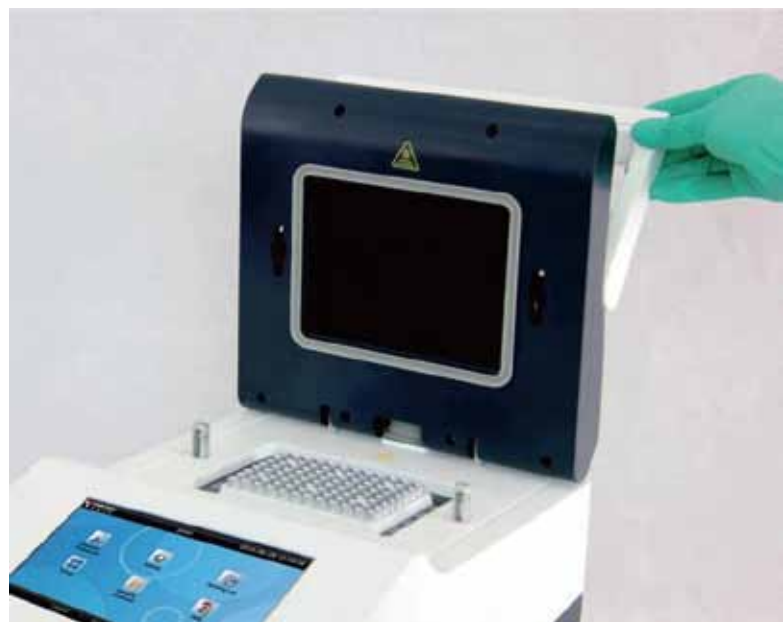


Your ideal equipment for PCR

DTC-4C

THERMAL CYCLER FOR PCR

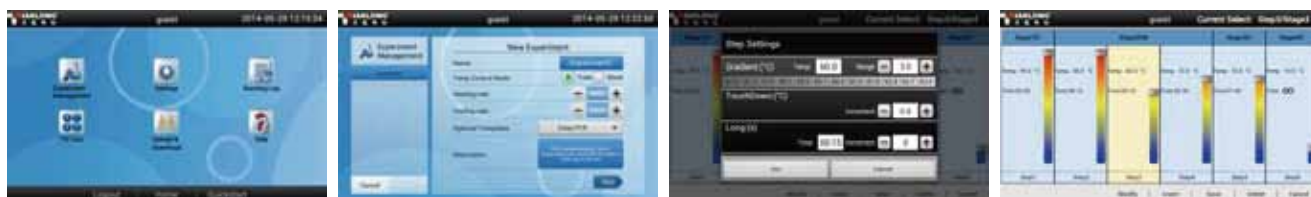
HIGH PERFORMANCE INSTRUMENT THAT FITS THE REQUIREMENTS OF TODAY'S SCIENTIST



DTC- 4C The new thermal cycler PCR from Tianlong, is quite easy to operate with the combination of a 7"LCD touch screen and an Android based operating system. By taking advantages of its excellent thermo block, DTC- 4C bring you homogeneous and accurate temperatures, rapid and precisely controlled ramp rates and fast and reproducible PCR cycles. The programming of DTC- 4C is also remarkably simple and intuitive. Thanks to all these advantages, DTC- 4C is your ideal equipment for PCR.

EASY TO USE

- > DTC-4C is configured with 7" LCD touch screen, functions quickly accessible through simple, one-touch commands.
- > Compact design with a very small footprint, very easy to be moved.
- > Operating system based on Android, specialized user training is not required, friendly interface make it simple even for first time users.



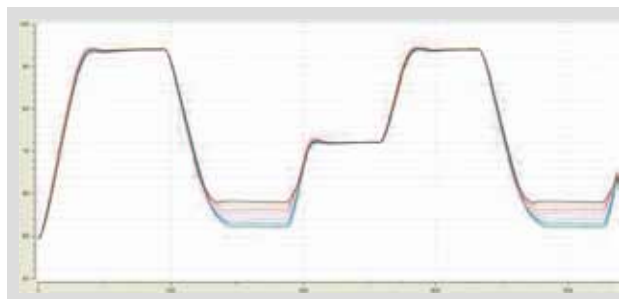
- > The graphic programming is quick, easy and intuitive.



- > Unlimited user accounts can be created, unlimited protocols for each account.
- > Personal account can be protected with a password.
- > Quick-start set-up so you can begin a run immediately on desktop.

REPRODUCIBILITY

- > DTC-4C block features remarkable gradient technology to ensure that ramp rates are identical in both gradient and normal mode.
- > Optimized perform assay across a maximal 20°C range via 12 gradient temperatures.



RELIABILITY

- > Specially designed lid reduce the evaporation during PCR and help to accommodate a wide variety of PCR consumables.
- > The solid handle allows one hand operation of the instrument.
- > Unique power-off protection function can save all the set configurations after power off, and allow the experiment continues when power on.



FLEXIBILITY

- > Protocols can be easily shared between different DTC-4Cs via USB flash disk, personal protocols can also saved in your USB flash disk to quickly setup your own experiments on any DTC-4Cs.



CONSUMABLES



SPECIFICATIONS

ITEMS	PARAMETER
Thermo Block	Aluminum
Sample Capacity	96×0.2ml, 0.2ml single tube, 8-strip tubes, 0.2ml 96-well plate(skirted, semi-skirted, unskirted)
Temperature control range of the block	4.0℃~99.0℃
Temperature control mode	Tube mode & Block mode
Heating technology of the block	Peltier
Gradient block	12 Row (horizontal)
Gradient range	0.2~20℃
Gradient temperature range	30~99℃
Lid temperature range	40~110℃
Block homogeneity: 20 °C~72 °C 95 °C	±0.2℃ ±0.3℃
Block temperature accuracy	±0.1℃
Heating rate*	max. 4.5℃/s
Cooling rate*	max. 4.5℃/s
Interfaces	USB, Ethernet
Dimensions (W × D × H)	260mm*400mm*260mm
Weight	12Kg
Power supply	AC 100~240V,50~60Hz
Max. Power consumption	600VA

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