



## THERMAL CYCLER BTHC-410

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ELVE thermal cycler uses long service life peltier. Its Max. ramping rate is 5°C/s and cycle times is more than 1000,00, 000. The product combines a variety of advanced technologies: 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.



1. Long service life Peltier heating units.
2. Scalable hot lid fits tubes of different heights.
3. The running program and left time can be displayed in real time, allow to edit file when program is running.
4. Automatic restart after power failure. When power is restored it can continue to run unfinished program.
5. Built-in WIFI module, one machine can control multiple PCR machines at the same time through mobile APP or PC software.
6. Email notification after experiment is over
7. Android System, Teaching Version And Vehicle Version Are Available

## SPECIFICATIONS

Model	BTHC-410
Capacity	16x0.2ml (4x4 layout)
Formats	0.2ml single tube
Reaction Volume	5-80µl
Temperature Range	4-100°C
MAX. Ramp Rate	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/s
Hold at 4°C	Forever
Gradient Temp. Range	/
Gradient Spread	/
Hot Lid Temperature	30-110°C
Number of Programs	10,000+ (USB FLASH)
Max. No. of Step	30
Max. No. of Cycle	100
Time Increment/Decrement	1s-600s, Long PCR is available
Temp. Increment/Decrement	0.1-10.0°C, Touchdown PCR is available
Pause Function	Yes
Auto Data Protection	Yes
Touchdown Function	Yes
Long PCR Function	Yes
Language	English
Computer Software	Yes
Mobile phone APP	Yes
LCD	5 inch, 800x480 Pixels
Communication	USB 2.0,WIFI
Dimensions	267mmx190mmx115mm(LxWxH)
Weight	2.5kg

Power Supply	100-240VAC,50/60Hz,120W
Alt Name	Thermal Cycler



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada  
Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)