Bioer Technology

Industriestrasse 12
CH-6210 Sursee
mail@witec.ch
T 041 250 53 57

witec
experts in life science products

Thermal Cycler
GeneExplorer

NEW PCR

- Faster Heating & Cooling Rate
- More Durable Structure Design
- Smart Phone App Available
- User Friendly Interface

HANGZHOU BIOER TECHNOLOGY CO., LTD.

CE RoHS

* All right reserved. Please refer to actual product for true colour representation.

PRODUCT FEATURES

Intelligent Operation

A new generation of CPU, 8-inch responsive touch screen, and user-friendly UI design makes your operation simple and faster.

Temperature Accuracy

Newly-designed block and tailor-made peltier to ensure exceptional thermal performance and optimize your PCR temperature with good accuracy.

Mobile App Sync

Innovative mobile app and WiFi capability helps to monitor your PCR status with remote control.

REMOTE OPERATION INTERFACE

Remote Operation Interface on Mobile Phone App

Operation Interface on Device

PRODUCT PARAMETER

Model Name	GeneExplorer			
Product Code	BYQ6617E	BYQ6627E	BYQ6631E	BYQ6640E
Model	GE-96G	GE-48DS	GE-48D	GE-48DG
Sample Capacity	96×0.2ml	48×0.2ml 2 Blocks 3 zones	48×0.2ml (without gradient)	48×0.2ml
Temp. Range	4~105℃ (min. resolution: 0.1℃)			
Max. Heatine Rate	6℃/sec			
Max. Cooling Rate	5.5℃/sec			
Temp. Uniformity	≤±0.2℃			
Temp. Accuracy	≤±0.2℃ (30s after reaching 55 , 72 and 95℃ respectively)			
Hot-lid Temp. Range	30℃~110℃			
Gradient Temp. Range	1-30℃	1-30℃	—	1-30℃
Max. Cycle Number	≥99, suitable for Nested PCR			
Time up / down	0~9m59s , suitable for Long PCR			
Temp. up / down	0.1~9.9℃ , suitable for Touchdown PCR			
Memory	≥2000 programs on board , unlimited with USB flash drive expansion			
Network Connections	USB / LAN / WIFI			
Hot-lid Mode	One-time locking with handle			
Mobile App Compatibility	iOS / Android			
Power Supply	100~240v , 50~60Hz , 600W			
Dimension	420mm×269mm×254mm (L×W×H)			
Net Weight	10.5kg			

*Data tested at standard laboratories.