

GeneExplorer

GeneMax

GeneTouch

GeneTouch Plus

LifeTouch

LifeECO

新型XP

LifeExpress Classic

GeneTouch



Gene Touch is a product of most complete configuration in the Touch series of BIOER. Equipped with free module replacement function, it can configure 5 experiment modules to realize experiments of various modes covering from regular 0.2ml single test tube to glass slides. All modules are equipped with gradient temperature control function, as well as with TAS technology (marginal temperature compensation technology) to ensure temperature difference between wells is less than $\pm 0.2^{\circ}\text{C}$.

Product features

Multi module configuration

User can independently replace module within 1 minute, making it easy and convenient. One host machine is suitable for various experimental systems.

Easy and convenient operation

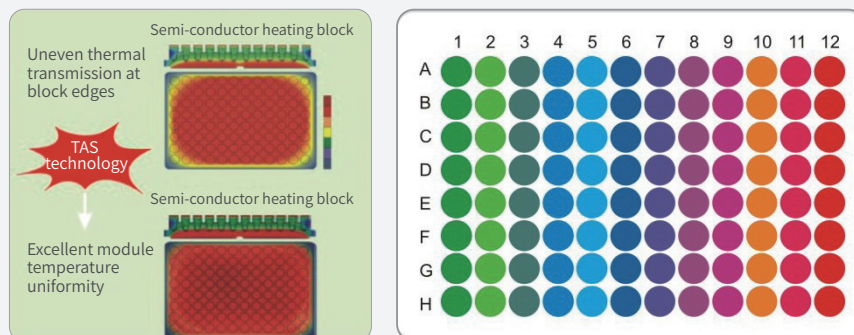
Adopt independently designed UI operating interface, easy to be learned and understood. Only by reading through the simple SOP operation instruction, user can learn how to use the equipment within 10 minutes.

Gradient function

Can realize temperature setting between $30\sim 105^{\circ}\text{C}$, gradient temperature difference between ranks can be as high as 30°C .

Remote monitoring

Can be connected to APP software via Bluetooth for exclusive use of Bioer instruments to realize real-time monitoring of equipment operation status and experiment results with mobile terminal.



B96GA

B3084UA

B384GA



B48DA

B41A

Three operating methods for your choice.

1.Connected operation mode

2.Standalone operation mode



3.Networking operation mode



Product parameters

Product name	GeneTouch				
Product model	TC-EA (main body)				
Module model	B-96GA	B-384GA	B-3048UA	B-48DA	B-41A
Sample capacity	96×0.2ml tube 96-PCR plate 12×8 strip tubes	384 micro-well plate (full skirt)	30×0.5ml 48×0.2ml 4×12 strip tubes	48×0.2ml 6×8-strip tubes each block	4 in situ plates
Temperature range	4~105℃				
Max temperature heating/cooling rate	≥4℃/s	≥2.8℃/s		≥4℃/s	≥1.8℃/s
Temperature uniformity	≤±0.2℃				
Temperature accuracy	≤±0.1℃				
Gradient temperature range	30~105℃	30~105℃	——	——	——
Gradient temperature difference range	1~30℃	1~30℃	——	——	——
Max. cycle number	99 suitable for nested PCR experiment				
Time increment/decrement	0~9m59s, suitable for Long PCR experiment				
Temperature increment/decrement	0.1~9.9℃, suitable for Touch down PCR experiment				
Soak function	Yes				
Hot lid temperature	30~110℃ (adjustable, minimum control temperature: ambient temperature +5℃)				
Communication port	Internet port (LAN)				
Input power	100-240V, 50~60Hz, 600w				
Net weight	10.5kg				
Dimension	368x250x285mm(L*W*H)				
Certification	Ferrotec Peltier/MET/CE/EMC/RoHS 2.0/PICC Product Quality Liability Insurance				