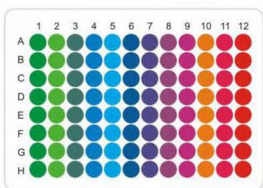


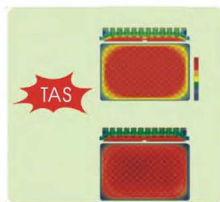
LifeECO



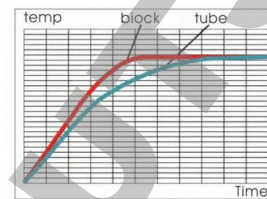
The Life Eco offers a large 5.7 inch touch screen and has a very intuitive interface to define your application efficiently. LifeECO uses TAS (Temperature Assistance System) technology to avoid the edge effect of thermal conduction of the block, which provides PCR experiments with first-class temperature uniformity. Multiple temperature control modes are selectable. According to the reagents, choose a suitable temperature control mode to achieve the best condition of amplification. An excellent gradient function, with a temperature range up to 30 °C, is provided. Life ECO offers three modes of operation, a single operation mode for one device, an online operation mode where the cycler is controlled by a computer and a network mode to control many devices by one computer.



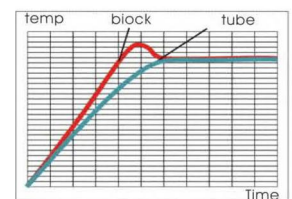
Gradient function



TAS



Temp. control mode "Block"



Temp. control mode "Tube"

LifeECO specifications

Name	LifeECO
Model/ Cat. No.	TC-96/G/H(b)B BYQ6078
Sample Capacity	96-microplate (full-skirted) / 12x8-strip / 96x0.2ml
Cooling Technology	Peltier-Based
Display	5.7 inch, 262, 144 Color LCD Display and Touch Screen
Temp. Range	4-105°C
Heating Speed of Ramping	Up to 4°C/sec
Cooling Speed of Ramping	Up to 4°C/sec
Temp. Uniformity	≤0.3°C
Temp. Accuracy	≤±0.1°C (55°C) ≤±0.2°C (≥90°C)
Temp. Control Modes	Block or Tubes
Ramping Range Adjustable	0.1-4 °C
Memory	≥250 Typical Programs Onboard, Unlimited with USB Drive Expansion
Max. No. of Cycles	99: Suitable for Nested PCR
Time Up / Down	0-9min59sec, Suitable for Long PCR
Temp. Up / Down	0.1-9.9°C, Suitable for Touchdown PCR
Auto Pause / Power Protection	Yes
Soak Function	Yes
Gradient Range	30-105°C
Gradient Range of Temp. Differential	1-30°C
Hot Lid Temp. Range	30-110°C
Height of Hot Lid	Stepless Adjustable
Auto Shut-Off Function of Hot Lid	When block is below the setting temp. or after finish running, hot lid will be auto shut-off
Port	USB
Communication Interface	LAN
Input Power	100-240V, 50-60Hz
Output Power	600W
Dimensions	345x250x270mm
Net Weight	10kg