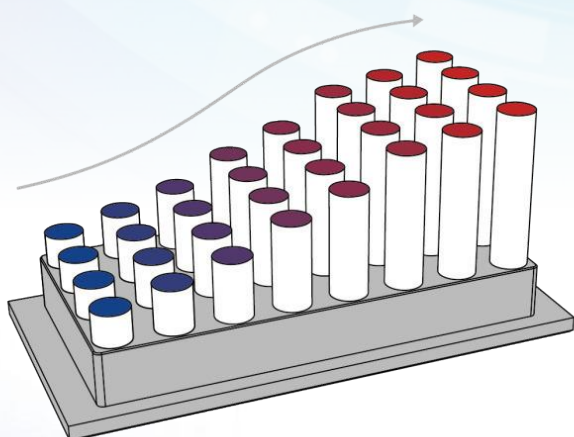


ELVE

ELVE SERIES THERMAL CYCLER



gradient function



ELVE-16 block



ELVE-32G block

Description

ELVE series thermal cycler uses long service life peltier. Its max. Ramping rate is 5 °C/s and cycle times is more than 1000,000. 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.

Features

- small size, light weight, teaching version and vehicle version are available
- Android system, smooth operation
- WIFI module built-in; support cell phone APP control, email notification function

Parameters

Model/Specification		
Model No.	ELVE-16	ELVE-32G
Capacity	16×0.2ml(4×4 layout)	32×0.2ml(4×8 layout)
Formats	0.2ml single tube	0.2ml single tube, 8 strip
Reaction Volume	5-80ul	
Temperature Performance		
Temperature Range	4-100℃	
MAX. Ramp Rate	5℃/s	
Uniformity	≤±0.2℃	
Accuracy	≤±0.2℃	
Display Resolution	0.1℃	
Temperature Control	Block/Tube	
Ramping Rate Adjustable	0.1-5℃/s	
Hold at 4 C	Forever	
Gradient Performance		
Gradient Temp. Range	/	30-100℃
Gradient Spread	/	0.1-30℃
Hot Lid Function		
Hot Lid Temperature	30-110℃	
Software Function		
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	
Other Performance		
LCD	5 inch, 800x480 Pixels	
Communication	USB 2.0, WIFI	
Dimensions	267mm×190mm×115mm(L×W×H)	
Weight	2.5kg	2.6kg
Power Supply	100-240VAC,50/60Hz,120W	100-240VAC,50/60Hz,200W

