

THERMAL CYCLER PCR MACHINE (96 WELL)



BR-PCR-100T

This gradient PCR is ideal for thermal cycling and protocol optimization in molecular biology, medical, food, genetic testing and etc

FEATURES

- Excellent application due to high quality Semiconductor
- Industrial grade operation system, can work 7x24hs
- 30°C gradient range, ideal for protocol optimization
- 5-in chtouch screen, easy to edit, operate, save programs
- Data saved to USB flash memory
- Impact design, small size
- Extremely quiet
- High precise temperature with good uniformity, quick heating up and cooling down benefit from advanced thermoelectric
- Cooling and PID technologies.



TECHNICAL PARAMETERS

MODEL	BI-PCR-100T	Max. Heating Rate	5°C/S	Programs stored 10000+	
Voltage	AC100~240V, 50/60Hz	Max. Cooling Rate	4..5°C/S	Max. Cycles	99
Temp Control ways	Block or Tube	Gradient	Max. 30°C, Accuracy ±0.3°C	Max. Cycles	30
Block Temperature Range	4~99.9°C	Gradient Temperature Accuracy	±0.3°C	Program Pause Function	Yes
Timer	1s~99min59sec/Infinite	Block Temperature Accuracy	0.1°C	16°C Temperature Holding Function	Infinite
Block Temperature Accuracy	±0.2°C	Heating Lid Temperature range	RT+30°C ~105°C	Real-time operation	Image-text displayed
Block Temperature Uniformity	±0.25°C	Automatically Heating Lid	Shut off automatically when sample lower than 30°C or program over	Interface Port	USB 2.0
Heating Up Rate (average)	3°C	Timer Increasing/Decreasing	599-599 S for Long PCR	Dimension (WxDxH)	200x300x170
Cooling down Rate (average)	2.5°C	Temperature Increasing/Decreasing	-9.9~9.9°C for Touchdown PCR	Weight	4.5kg
Capacity	96 X 0.2ml(PCR Plate without/semi skirt) 0.2ml x 8 x 12, 0.2ml tube (Height 20~23mm)				

BR BIOCHEM LIFE SCIENCES PVT. LTD.

06, S.F. Gopal Nagar , Fateh Nagar, New Delhi-110018 ,India

Ph: +91 11 43033662/4, +91 8860082777

EMAIL: info@brbls.com | www.brbls.com



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