

GRADIENT PCR MODEL ADEPT

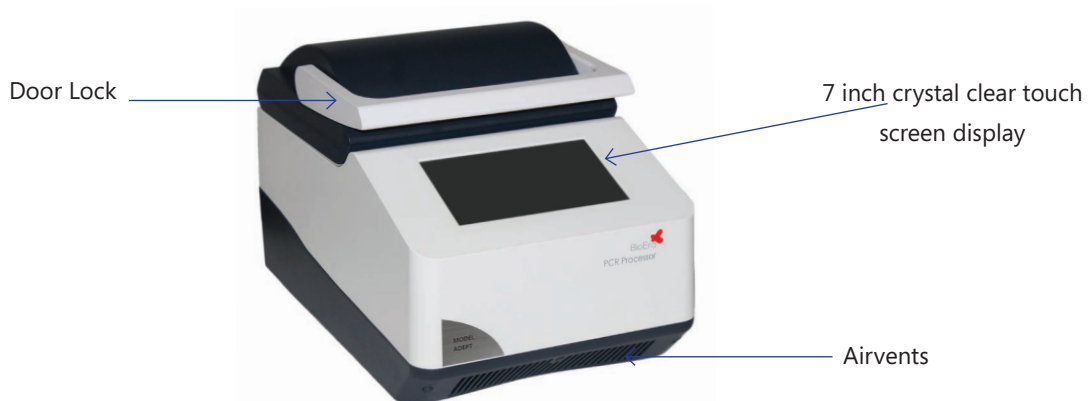
BioEra's Adept model Gradient PCR is unique, compact and attractive with complete array of functional capabilities by full 7-inch LCD touch display screen with graphical display. System is based on Android operating system. The machine is designed with Peltier Cooling Technology. The Peltier effect also known as thermo electric heat pump is the most reliable for sensitive high temperature components.

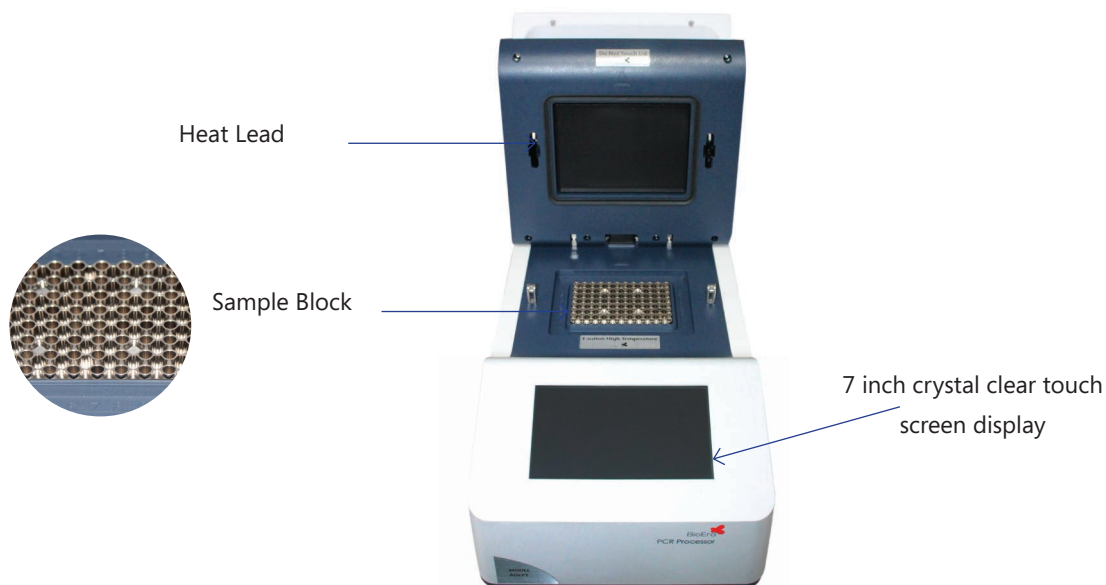


CAT. NO. : BE/CI/PCR/GPCR-02

FEATURES

- 7 inch touch screen graphical display of protocols
- System is based on Android operating system
- System is designed with Peltier Cooling Technology
- Programming made simple with one-touch command options
- Programming through user-friendly interface to make it convenient and simple even for the first time users
- Compact design with very small foot print makes machine easy for portability
- Graphical programming makes the system operation quicker, easy and intuitive
- Multiple user accounts can be created with capability to store up to 1000 protocols in each account
- Gradient technology in sample block ensures that ramp rates are identical in both gradient and normal mode
- Facility to hold the sample at 4 °C for infinity
- Optimization via 12 gradient temperatures
- Availability of heat lid reduces the evaporation during PCR run and helps to accommodate a wide range of PCR consumables
- Auto memory function in case of power failure to ensure resuming all the configurations of experiment
- Protocols can be saved and shared using USB flash drive





FEATURES	SPECIFICATIONS
Cat. No.	BE/CI/PCR/GPCR-02
Operating System	Android
Sample Block Capacity (wells)	96 X 0.2ml Tubes
Sample Block Type	Fixed
Temperature Range	0 °C – 100 °C
Heating/Cooling Method	Peltier
Maximum Block Heating Rate	5.5 °C/Sec
Maximum Block Cooling Rate	5.5 °C/Sec
Temperature Accuracy	<±0.1 °C
Temperature Uniformity	<±0.4 °C
Storage Capacity	1000 Programs and Multiple Accounts With Password Protection for Each. Unlimited option with USB drive
Display	7 inch Touch Screen LCD
Connectivity	USB Port
Auto Restart	Yes
Instrument Memory	USB and On-board
Variants	Long, Touch down, Gradient and standard PCR
No. of Cycles	99
Heat Lid	70°C - 110°C
Work Environment	Temperature: 10°C - 30°C; Humidity: 20% - 80%
Gradient Temperature Range	30°C - 100°C
Voltage	AC 100-240V
Rated Power	600 VA
Frequency	50-60Hz
Dimensions (W X D X H) mm	420 X 260 X 270
Weight	3 Kg