

Product Name :
Gradient Thermal Cycler PCR**Product Code :**
PCR MACHINES0005**Description :**

Gradient Thermal Cycler PCR

Technical Specification :

Polymerase Chain Reaction (PCR) is widely used in Molecular biology. As PCR progresses, the DNA thus generated is itself used as as template for replication. With PCR it is possible to amplify a single or few copies of a specific DNA fragment across several orders of magnitude, generating millions copies of the DNA fragments.

SALIENT FEATURES:

Advanced technologies, WINDOWS operating system.

Automatic restart after power failure.

Each thermal block has 4 independent temperature control sensors and 8 peltier heating units to ensure accurate and uniform temperature across block surface, and provide users with replicating previous condition set-up.

8" TFT color touch-screen with graphical display provides easy use for setting up and monitoring set parameter.

The actual and target temperatures can be viewed and displayed graphically in real time.

Built-in 11 standard program file template, can quickly edit the required files.

Internal flash memory for 10000 typical PCR files in free configurable folders.

Compatible with mouse, keyboard, capable to transfer data and perform software updates via USB Drive.

Applicable with the following 0.2m1 tube models: non-skirted, semi and fully skirted plated.

Replaceable module, dual-block module can simultaneously run two different PCR programs. n Replaceable module, dual-block module can simultaneously run two different PCR programs.

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