

TC100-48G DUAL TAQ CYCLER



Description :-

Technology of latest generation of gene amplification instruments, embodying a fresh family-oriented design concept. It integrates an 8-inch full-color touchscreen and a completely redesigned user interface (UI). With its sleek, elegant appearance, user-friendly operation, and robust, durable structure, the product offers simplicity and sophistication. In line with Helix Technology's consistent commitment to precise temperature control, the Taq Cycler series utilizes imported alloy materials. It is complemented by an upgraded bottom heat dissipation module and mature, advanced thermo electric cooling components. These advancements ensure stable and reliable performance, placing the temperature control module's capabilities on par with leading imported brands.

FEATURES :-

- Multiple model configurations, allowing users to choose different functional models based on their experimental needs.
- Utilizes advanced TAS edge temperature compensation technology, ensuring module temperature accuracy $\leq 0.1^{\circ}\text{C}$.
- Automated thermal lid that can adjust height and pressure based on the actual usage scenario to accommodate different reaction tubes, effectively preventing reagent evaporation and contamination.



sales@helixbiosciences.com



www.helixbiosciences.com



+91-11-41613622
1800-890-4669

REGISTERED OFFICE :-

A-7, SOUTH WEST DELHI, NARAINA INDUSTRIAL AREA PHASE 1, NEW DELHI - 110028

MANUFACTURING :-

PLOT NO. 360, IMT INDUSTRIAL ESTATE, SECTOR 68, FARIDABAD, HARYANA - 121004

TC100-48G DUAL TAQ CYCLER



FEATURES :-

- Powerful gradient functionality, including natural gradient and zone temperature control, making temperature optimization experiments more convenient.
- Real-time monitoring of device operation through a mobile app, and capable of networking multiple devices through a local area network for centralized control.
- Equipped with power-off data retention function.

Technical Specifications :-

BLOCK	48×0.2ML
SAMPLE CAPACITY	0.2ML PCR TUBE
TEMP. RANGE	4~105° (MIN.RESOLUTION:0.1°)
THE MAX HEATING RATE (FAST)	6°/SEC
THE MAX COOLING RATE (FAST)	5°/SEC
TEMP. UNIFORMITY	≤±0.25°
TEMP. ACCURACY	≤0.2°
HOT-LID TEMP. RANGE	30 -110°



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Technical Specifications :-

GRADIENT TEMP. RANGE	1-30°
MEMORY	≥2000 PROGRAMS ON BOARD , UNLIMITED WITH USB FLASH DRIVE EXPANSION
NETWORK CONNECTIONS	USB/LAN/WIFI
HOT-LID MODE	ONE-TIME LOCKING WITH HANDLE
APP MOBILE APP	SUPPORT
POWER SUPPLY	1200W



INTELLIGENT
OPERATION



TEMPERATURE
ACCURACY



MOBILE APP
SYNC



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