

# labTAQ™

## CURIO™ THERMAL CYCLER OPENING A WORLD OF POSSIBILITIES...

Confidence. Speed. Performance. Value.



[WWW.LABTAQ.COM](http://WWW.LABTAQ.COM)

## Key Features and benefits

CURIO™ is a compact and adaptable PCR machine with multiple functions & applications, meeting the requirements of a wide range of PCR experiments.



- Maximum ramp rate up to 4°C/s, and can be adjusted to experimental requirements.
- Hot lid can adjust height and pressure, adapting to different reaction tubes and effectively reducing reagent evaporation and contamination.
- Adopting advanced thermoelectric refrigeration technology and thermoelectric elements which provide stable & reliable performance.
- Colourful large-screen display, user friendly interface.
- USB standard port can be connected to general computers, convenient for software upgrades
- Power-off protection function to ensure completion of program upon power outage
- Multiple temperature control modes and high reagent compatibility

## Software Functions

- File edit: including file number, temperature and time of each section, setting of loop times, view, revise and delete file, automatic file connection, gradient temperature setting; maximum number of 10 editable sections, maximum number of 100 steps, maximum number of 99 loops, available for secondary nesting, gradient temperature range is 1°C-30°C.
- File storage
- File modification (including adjustment of ramp rate, automatic temperature & time modification during cycling, time display and calibration).
- Setting of temperature, time and loop times during file running and display of instant values (including voice prompt, estimation of overall and remaining time of file running, fault protection and warning).
- Stop file running (including pause file running, stop file running and automatic recovery after outage).



# Technical Specification

## Normal operation conditions

Ambient temperature: 10°C - 30°C

RH: ≤70%

Power supply: 220V ~ 50Hz

Altitude: <2km

Warranty: 2 years

## Technical specification:

Product name	CURIO™ PCR Machine
Product No.	MFC6617E
Model	LQ-CURIO-96
Sample size	96 x 0.2ml
LCD display	Colour touch screen (8 inch, 260,000 colours)
Temperature range	4°C-105°C (min. resolution 0.1°C)
File saving amount	≥2000 standard programs
Energy consumption	600W
Operation mode	Continuous operation
Dimensions	420mm x 269mm x 254mm (LxWxH)
Fuse	250V 12A 5 20
New weight	13kg



## Ordering Information

Product Name	CURIO™ Thermal Cycler
Product Code	LQ-CURIO-96

### UK sales:

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