IRIS ANALYTICAL

THERMAL CYCLERS & REAL-TIME PCR SYSTEM

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Q Series Laboratory Thermal Cycleris furnished with an integral 8-inch color touch screen, which continually monitor and controls every aspect of the performance of the machine. It utilizes 6 Peltier’s and 3 temperature zones for precise sample control using drive technology and active control algorithms which ensure temperatures are perfectly executed in every sample.

qLab Thermal Cyclers ITCL-1000 Series

qLab Thermal Cyclers ITCL-1000 Series designed with a 96-well block, with the availability of a gradient function. The most popular block dual 96/96 well block is capable of holding up to 96×0.2 ml tubes on either side along with 77×0.5 ml, 60×0.5 ml and 384 well, with each side acting as its own independent thermal cycler, with a programmable thermal gradient for optimizing annealing or denaturing temperatures. The combination of excellent technical data and an attractive price makes it the right choice for many research and routine laboratories.

qLab Thermal Cyclers ITCL-1000 accommodates 96×0.2 ml, 96×0.2 ml+77×0.5 ml, 60×0.5 ml, and 384 well and this block are completely independently of each other and without interference. Fabricated with anodizing technology that has prompt heating conducting and adequate corrosion resistance property.

- Quicker ramp rates allow more work to be done in a workday
- Simple to program unit is compact in design and built to perform
- Programming is in-built with large display and multiple pre-programmed templates supplied with the unit
- Peltier heating units with 6 long service life and form 3 circuits to control 3 temperature zones
- Equipped with Built-in 11 standard program file template for rapidly and accurate necessary files
- Throughout the program, it allows to edit files and showed the remaining time and running program in real-time
- Support USB device with enormous storage capability, 10000 typical PCR files in free configurable folders and LAN for software updating also compatible with devices like mouse and keyboard
- Meet the requirement of denaturation, enzyme cutting/enzyme link, and ELISA
- Operating windows comes with 8” (800×600, 16 colors) TFT vibrant touch graphical display
- Accurate data support and result from analysis record in GLP
- Automatic restart mode and run the unfinished program after power failure
- Meet the need for another testing hot lid temperature and hot lid work mode available
- Assure password and data security along with user login management and three-tier permission
- Connect numerous sets of PCR by single PC controlled
- Email-alert function at the end of the experiment
- To avoid vaporization and melting tubes are fits at different height by a step-less adjustable hot lid with pressure-protection
- Bluetooth printer (option)

qGene Thermal Cyclers ITCL-2000 Series

qGene Thermal Cyclers ITCL-2000 Series has been used in PCR applications in research and development, food science, pharmaceuticals, life science, animal diagnostics, and analytical laboratories. Features with Marlow Peltier heating units with Operating windows come with 5 inch LCD 800×480 pixels, 65K vibrant touch display with quicker ramp rates allow more work to be done in a workday.

Iris qGene Thermal Cyclers ITCL-2040 has features with Marlow Peltier heating units with a touch LCD display and 0.2 ml single tube along with holding capacity up to 16×0.2 ml(4×4 layout) and maximum ramping rate 5℃/s and power consumption 120 W. Support USB device with enormous storage capacity. Fabricated with anodizing technology that has prompt heating conducting and adequate corrosion resistance property and the scalable hot lid fits tubes of different altitudes.

Iris qGene Thermal Cyclers ITCL-2080 has features with Marlow Peltier heating units with a touch LCD display and 0.2 ml single tube,8 strips along with holding capacity up to 32×0.2 ml(4×8 layout) and maximum ramping rate 5℃/s and power consumption 200 W. Support USB device with enormous storage capacity. Fabricated with anodizing technology that has prompt heating conducting and adequate corrosion resistance property and the scalable hot lid fits tubes of different altitudes.

- Manufactured with Marlow Peltier heating units and maximum ramping rate up to 5°C/s
- Equipped with Built-in 11 standard program file template for rapidly and accurate necessary files
- Simple to program unit is compact in design and built to perform
- Programming is in-built with large display and multiple pre-programmed templates supplied with the unit
- The scalable hot lid fits tubes of different altitudes
- Support USB device with enormous storage capability, 10000 typical PCR files in free configurable folders and LAN for software updating also compatible with devices like mouse and keyboard
- Meet the requirement of denaturation, enzyme cutting/enzyme link, and ELISA
- Accurate data support and result from analysis record in GLP
- Automatic restart mode and run the unfinished program after power failure
- Meet the need for another testing hot lid temperature and hot lid work mode available
- Bluetooth printer (option)
- Assure password and data security along with user login management and three-tier permission
- Throughout the program, it allows to edit files and showed the remaining time and running program in real-time.
- Connect numerous sets of PCR by single PC controlled
- Email-alert function at the end of the experiment
- To avoid vaporization and melting tubes are fits at different height by a step-less adjustable hot lid with pressure-protection
- Support English language
- Fully adjustable heated lid

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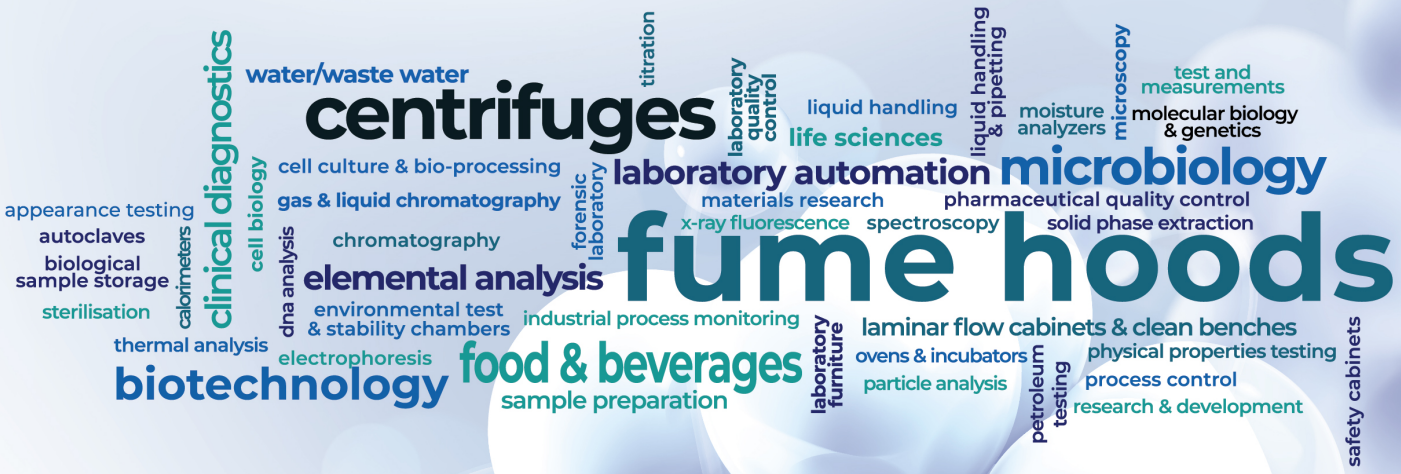

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