

THERMAL CYCLERS & REAL-TIME PCR SYSTEM



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)

