IRIS ANALYTICAL

THERMAL CYCLERS & REAL-TIME PCR SYSTEM



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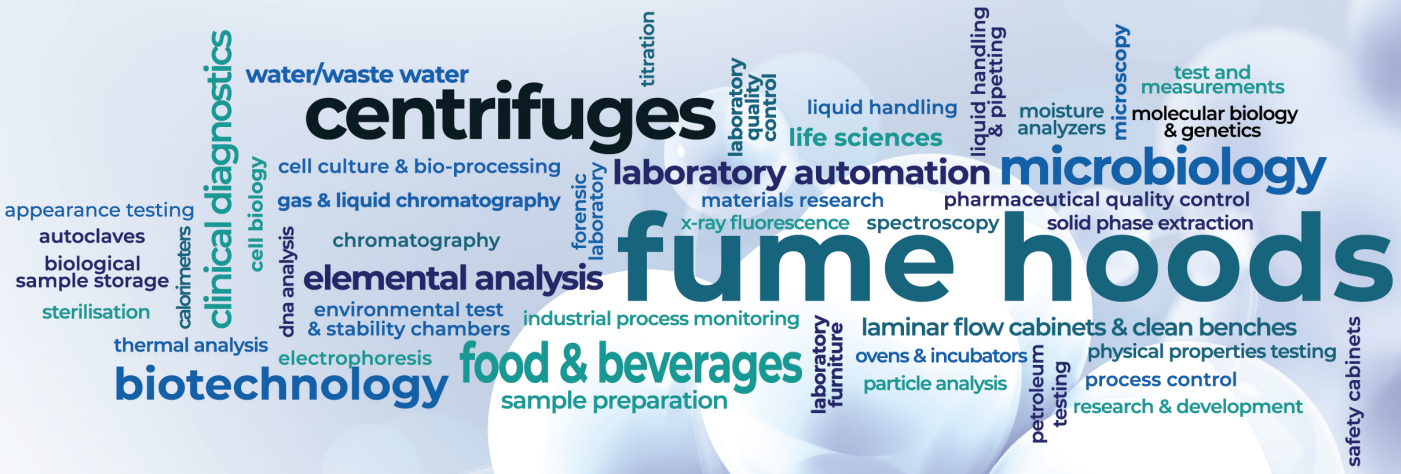
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The Iris Advanced Thermal Cyclers ITCP-5000 is designed with 3 different gradient system including nonlinear gradient, dynamics gradient, and 2D gradient. Suitable for the denaturation, enzymes cutting, enzymes link and ELISA assay applications. Offer high heating and cooling rate with the Peltier design unit. Equipped with 11 standard programs for fast editing in particular programs.

Suitable for the denaturation, enzymes cutting, enzymes link and ELISA assay applications. Offer high heating and cooling rate with a ramping rate up to 7°C/sec. Equipped with 11 standard programs for fast editing in particular programs. Features with Peltier design, large LCD touch display, reaction blocks, air ventilation, hot lid plate, cooling fins and handle. Accommodates 4 different wells including 96×0.2 ml, 6×16×0.2 ml, and 96×0.2 ml well plates with the availability of tubes: 0.2 ml tube, 8 strips, 96 wells plate and this block are completely independently of each other and without interference. Available in 3 different gradient types: Nonlinear Gradient, Dynamics Gradient, and 2D Gradient.

- Peltier heating units with long service life, and control temperature zones
- Suitable for long term use for PCR
- Temperature Range: 4 to 105°C
- Available in 3 different gradient type: Nonlinear Gradient, Dynamics Gradient, and 2D Gradient
- Quicker ramp rates allow more work to be done on a workday
- Simple to program unit is compact in design and built to perform
- 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, 20000 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 10.1-inch LCD touch display
- Portable and User-friendly
- 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
- Available with 9 shortcut key in main unit
- Support USB2.0 and WIFI
- Assure password and data security along with user login management and three-tier permission
- Connect numerous sets of PCR by single PC controlled

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