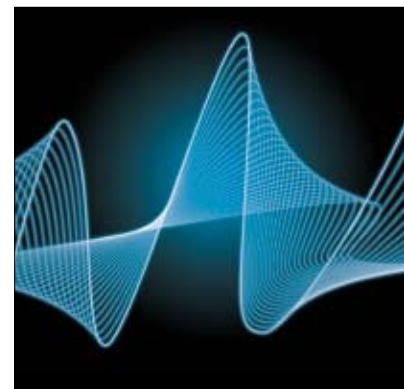


Thermal Cyclers: S1000™ Thermal Cycler



Performance You Can Depend On

Fast

- Get fast run times and accurate, reliable results with a streamlined interface and thermal performance identical to that of the C1000™ thermal cycler

Friendly

- Expect dependable results for years — patented* O-ring seal protects thermal electric modules for long-lasting reliability

Flexible

- Meet your current and future needs with modular flexibility — interchangeable modules include the gradient-enabled dual 48/48 fast, gradient-enabled 96-well fast, and 384-well reaction modules
- Use a wide range of reaction vessels with the fully adjustable heated lid



S1000 Thermal Cycler

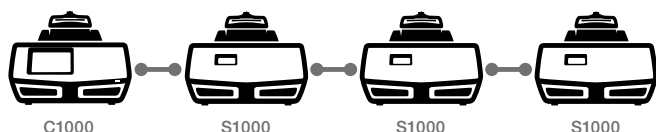
For more information, visit us on the Web at
www.bio-rad.com/1000-series/

* U.S. patent 7,051,536.



Flexible Configuration Options

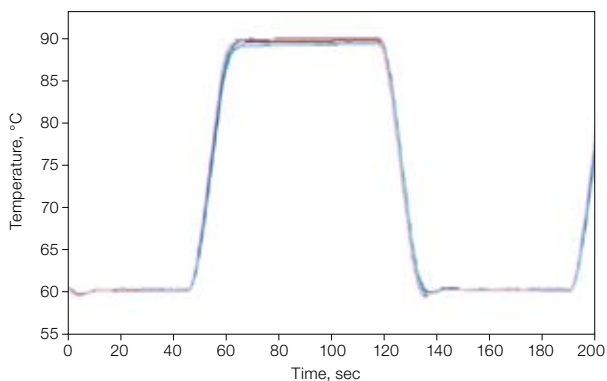
The S1000 thermal cycler can function as a stand-alone instrument or can be connected to a C1000 thermal cycler to create a multi-bay instrument.



Expansion capabilities provide the ultimate in high throughput. Up to three S1000 cyclers can be connected to a C1000 cycler to operate as a four-bay instrument. With the addition of a PC and C1000 Manager™ software, up to 32 instruments can be operated in tandem.

Superior Uniformity and Shorter Run Times

The S1000 thermal cycler exhibits high average ramp rates, rapid settling time, and tight thermal uniformity throughout the ramp, resulting in rapid arrival at target temperature and enabling faster protocol run times.



Rapid arrival at target temperature and superior uniformity. Graph shows temperature measured by probes in 15 wells across sample block of the 1000-series thermal cycler. Traces are nearly indistinguishable, indicating high uniformity. Note consistent ramp rate throughout heating and cooling.

Thermal Gradient for Optimizing Protocols

A programmable temperature gradient lets you identify optimal annealing temperature for each primer set in a single experiment. Temperature differentials of 1–24°C can be programmed across the 96-well fast and dual 48/48 fast reaction module sample blocks.



The thermal gradient feature lets you incubate each row at a different temperature to determine which temperature gives the best results.

Ordering Information

Catalog #	Description
185-2096	S1000 Thermal Cycler With 96-Well Fast Reaction Module , includes thermal cycler chassis, 96-well fast reaction module, power cord, reagent and consumable samples, instructions
185-2048	S1000 Thermal Cycler With Dual 48/48 Fast Reaction Module , includes thermal cycler chassis, dual 48/48 fast reaction module, power cord, reagent and consumable samples, instructions
185-2384	S1000 Thermal Cycler With 384-Well Reaction Module , includes thermal cycler chassis, 384-well reaction module, power cord, reagent and consumable samples, instructions
184-2000	S1000 Thermal Cycler Chassis , includes power cord, instructions; does not include reaction module
184-0048	Dual 48/48 Fast Reaction Module , 2 independent 48-well blocks, fits C1000 and S1000 thermal cyclers
184-0096	96-Well Fast Reaction Module , fits C1000 and S1000 thermal cyclers
184-0384	384-Well Reaction Module , fits C1000 and S1000 thermal cyclers

Purchase of this instrument conveys a limited non-transferable immunity from suit for the purchaser's own internal research and development and for use in applied fields other than Human In Vitro Diagnostics under one or more of U.S. Patents Nos. 5,656,493, 5,333,675, 5,475,610 (claims 1, 44, 158, 160–163 and 167 only), and 6,703,236 (claims 1–7 only), or corresponding claims in their non-U.S. counterparts, owned by Applied Biosystems Corporation. No right is conveyed expressly, by implication or by estoppel under any other patent claim, such as claims to apparatus, reagents, kits, or methods such as 5' nuclease methods. Further information on purchasing licenses may be obtained by contacting the Director of Licensing, Applied Biosystems, 850 Lincoln Centre Drive, Foster City, California 94404, USA.

BIO-RAD

**Bio-Rad
Laboratories, Inc.**

Life Science
Group

Web site www.bio-rad.com USA 800 4BIORAD Australia 61 02 9914 2800 Austria 01 877 89 01 Belgium 09 385 55 11 Brazil 55 21 3237 9400
Canada 905 364 3435 China 86 21 6426 0808 Czech Republic 420 241 430 532 Denmark 44 52 10 00 Finland 09 804 22 00 France 01 47 95 69 65
Germany 089 318 84 0 Greece 30 210 777 4396 Hong Kong 852 2789 3300 Hungary 36 1 455 8800 India 91 124 4029300 Israel 03 963 6050
Italy 39 02 216091 Japan 03 6361 7000 Korea 82 2 3473 4460 Mexico 52 555 488 7670 The Netherlands 0318 540666 New Zealand 0508 805 500
Norway 23 38 41 30 Poland 48 22 331 99 99 Portugal 351 21 472 7700 Russia 7 495 721 14 04 Singapore 65 6415 3188 South Africa 27 861 246 723
Spain 34 91 590 5200 Sweden 08 555 12700 Switzerland 061 717 95 55 Taiwan 886 2 2578 7189 United Kingdom 020 8328 2000