

specifications

T100™ PCR 仪

Bio-Rad 推出的 T100 PCR 仪给您带来轻松的操作体验。触摸屏操作方式使您编辑程序、管理文件更加简捷、快速，无需培训即可上手使用；标配的温度梯度功能让您快速地确认适合反应条件。T100 PCR 仪是您明智的选择。

- 直观的触摸屏显示，编程更快捷
- 优化实验条件时温度梯度功能助您一臂之力
- 设计小巧、紧凑，助您节约日益紧张的实验室空间
- 个人文件夹管理方式或 USB 闪存备份确保数据的安全
- Bio-Rad PCR 仪让您开展实验时底气十足



技术参数

PCR 仪

输入电源	220-240 VAC, 50-60 Hz; 最高至 670 W
显示	5.7 英寸 VGA 彩色触摸屏
接口	1 个 USB A
保险丝	2 个 6.3 A, 250 V, 5 x 20 mm
存储	500 个程序, USB 闪存无限扩展
尺寸 (W x D x H)	26 x 47 x 23 cm (10 x 18 x 9")
重量	9 kg (20 lb)
温度控制模式	逻辑计算模式和模块模式
PCR 许可证	有
编程选项	分步式图形
报告输出	可输出运行日志和系统错误日志
孵育功能	有

性能参数

样品容量	96 x 0.2 ml 反应管, 0.2 ml 联管或 1 x 96 孔板
最大升降温速率	4°C/秒
温控范围	4-100°C
温度准确性	±0.5°C
温度均一性	达到设定温度 30 秒内孔间 ±0.5°C

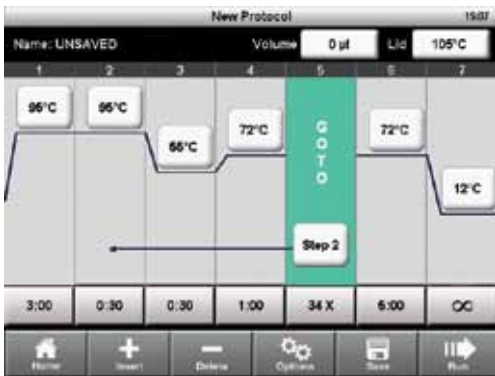
温度梯度

梯度准确性	±0.5°C
列内温度均一性	达到设定温度 30 秒内同列内孔间温 ±0.5°C
温度梯度范围	30-100°C
温度梯度温差范围	1-25°C

BIO-RAD



T100 PCR 仪主界面。



触摸屏的图形化编程界面，最大程度贴合个人编程习惯。



程序保存文件夹从左往右的三级显示方式让您浏览、选择特定程序更加方便。

Ordering Information

Catalog #	Description
186-1096	T100 Thermal Cycler , includes 96-well thermal cycler, power cord, T100 tube support ring
170-8870	iTaq™ DNA Polymerase , 5 U/µl, includes 250 U polymerase, 1.25 ml 10x PCR buffer (200 mM Tris-HCl, pH 8.4, 500 mM KCl), 1.25 ml 50 mM MgCl ₂ solution
170-8890	iScript™ cDNA Synthesis Kit , 25 x 20 µl reactions, includes 5x iScript reaction mix, iScript reverse transcriptase, nuclease-free water
172-5301	iProof™ High-Fidelity DNA Polymerase , 2 U/µL, 100 U, includes 5x reaction buffers, MgCl ₂ solution, DMSO
HSS-9601	Hard-Shell® Full-Height 96-Well Semi-Skirted PCR Plates , clear shell, clear well, 25
MLP-9601	Multiplate™ 96-Well Unskirted PCR Plates , natural, 25 plates
MSB-1001	Microseal® 'B' Adhesive Seals , optically clear, 100
TBS-1201	12-Tube Strips without Caps (0.2 ml) , natural, 100 strips (1,200 PCR tubes)
TCS-1201	Domed 12-Cap Strips , for 0.2 ml PCR tubes and plates, natural, 20
TWI-0201	PCR Tubes with Domed Caps (0.2 ml) , natural, 1,000

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 human in vitro diagnostics and all other applied fields under U.S. Patent Number 5,475,610 (Claims 1, 44, 158, 160-163, and 167 only), or corresponding claims in its non-U.S. counterpart, owned by Applied Biosystems. 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.

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Hard-Shell plates are covered by one or more of the following U.S. patents or their foreign counterparts owned by Eppendorf AG: U.S. Patent Numbers 7,347,977; 6,340,589; and 6,528,302.



Bio-Rad
Laboratories, Inc.



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