

## C1000 Touch™ PCR 仪

C1000 Touch PCR 仪快速, 可靠, 具有精湛的温控性能。配备先进的 8.5 英寸彩色触摸屏, 使编程等操作更加简便、快捷、方便。模块化设计可实现反应模块 (其中还包括两个可升级为实时定量 PCR 仪的反应模块) 的快速更换, 无需额外工具, 能满足不同实验的要求。

- 多种反应模块可选择, 包括双 48 孔温度梯度快速模块, 96 孔温度梯度快速反应模块, 96 孔深孔温度梯度反应模块, 384 孔温度梯度反应模块, 5 色 CFX96™ 光学反应模块, 4 色 CFX384™ 光学反应模块
- 可通过 USB 接口支持外围设备, 如存储设备、鼠标
- 可通过 PC 控制的方式实现网络连接, 最多支持 32 台仪器联机控制, 实现高通量反应模式

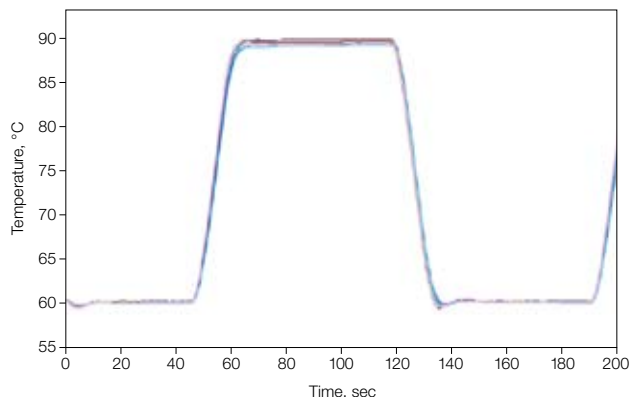


### 技术参数

<b>PCR 仪</b>				
输入电源	最高至 850W	编程选项	分步式图形、程序自动编写器	
功率	50-60Hz, 单相	安全功能	可选登陆要求模式	
显示	8.5 英寸 LCD 彩色触摸显示屏	报告输出	可输出运行日志和系统错误日志	
接口	5 USB A, 1 USB B	随机软件	Windows CE 6.0	
保险丝	2 个 6.3 A, 250 V, 5 x 20 mm	PC 兼容性	Windows XP 或更高	
存储	>1000 个程序, USB 闪存无限扩展	USB 兼容性	鼠标, USB 闪存, 条码阅读器	
尺寸 (W x D x H)	33 x 46 x 20 cm (13 x 18 x 8 英寸)	定量 PCR 升级	CFX96 光学模块	
重量	10 kg (23 lb)		CFX384 光学模块	
温度控制模式	逻辑计算模式、模块模式	即时孵育功能	有	
PCR 许可证	有			
<b>反应模块</b>				
样品容量	<b>96 孔快速</b> 96 x 0.2 ml 反应管 或 1 x 96-孔反应板	<b>96 孔深孔</b> 96 x 0.2 ml 反应管, 48 x 0.5 ml 反应管, 或 1 x 96-孔反应板	<b>双 48/48 孔</b> 2 x 48 x 0.2 ml 反应管 或 2 x 48-孔反应板	<b>384-孔</b> 1 x 384-孔反应板
最大升降温速率	5°C/sec	2.5°C/sec	4°C/sec	2.5°C/sec
温度范围	0-100°C	0-100°C	0-100°C	0-100°C
温度准确性	±0.2°C	±0.2°C	±0.2°C	±0.2°C
温度均一性	达到设定温度 10 秒内孔间 ±0.4°C, (90°C)	达到设定温度 10 秒内孔间 ±0.4°C, (90°C)	达到设定温度 10 秒内孔间 ±0.4°C, (90°C)	达到设定温度 10 秒内 孔间±0.4°C, (90°C)
温度梯度功能	有	有	有	有
<b>温度梯度</b>				
梯度准确性	最后一排 ±0.2°C			
列内温度均一性	达到设定温度 10 秒内同列内孔间温差 ±0.4°C			
温度梯度范围	30-100°C			
温度梯度温差范围	1-24°C			



编程快速便捷。C1000 Touch 的自动程序编写器可根据客户输入的参数自动生成反应程序。如 DNA 聚合酶类型、引物的退火温度等。



快速到达设定温度，卓越的温孔均一性。图形显示 C1000 Touch 反应模块 15 个孔的温度变化过程。15 条温度变化曲线几乎完全重合，且升温 and 降温过程中保持相同的速率。因此可确保进行快速 PCR 反应时得到可靠的结果。



多台仪器联机控制。C1000 Touch PCR 仪可以通过一台仪器同时控制多台 1000 系列 PCR 仪的运行。

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## 订货信息

Catalog #	Description
184-1100	<b>C1000 Touch Thermal Cycler Chassis</b> , includes USB flash drive, power cord; does not include reaction module
185-1148	<b>C1000 Touch Thermal Cycler with Dual 48/48 Fast Reaction Module</b> , includes C1000 Touch thermal cycler chassis, dual 48/48 fast reaction module, USB flash drive
185-1196	<b>C1000 Touch Thermal Cycler with 96-Well Fast Reaction Module</b> , includes C1000 Touch thermal cycler chassis, 96-well fast reaction module, USB flash drive
185-1197	<b>C1000 Touch Thermal Cycler with 96-Deep Well Reaction Module</b> , includes C1000 Touch thermal cycler chassis, 96-deep well reaction module, USB flash drive
185-1138	<b>C1000 Touch Thermal Cycler with 384-Well Reaction Module</b> , includes C1000 Touch thermal cycler chassis, 384-well reaction module, USB flash drive
184-0148	<b>Dual 48/48 Fast Reaction Module</b> , independent dual 48-well reaction module, fits C1000™, C1000 Touch, and S1000™ thermal cyclers, gradient enabled
184-0196	<b>96-Well Fast Reaction Module</b> , fits C1000, C1000 Touch, and S1000 thermal cyclers, gradient enabled
184-0197	<b>96-Deep Well Reaction Module</b> , fits C1000, C1000 Touch, and S1000 thermal cyclers, gradient enabled
184-0138	<b>384-Well Reaction Module</b> , fits C1000, C1000 Touch, and S1000 thermal cyclers, gradient enabled
184-5096	<b>CFX96 Optical Reaction Module</b> , for use with C1000 Touch thermal cycler chassis, includes CFX Manager™ software, license for qbase <sup>PLUS</sup> software, communication cable, reagents, consumables
184-5384	<b>CFX384 Optical Reaction Module</b> , for use with C1000 Touch thermal cycler chassis, includes CFX Manager software, license for qbase <sup>PLUS</sup> software, communication cable, reagents, consumables
170-8870	<b>iTaq™ DNA Polymerase</b> , 5 U/μl
172-5301	<b>iProof™ High-Fidelity DNA Polymerase</b> , 2 U/μl, 100 U

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