

SimpliAmp Thermal Cycler

Precise control over PCR optimization

Key features of the Applied Biosystems™ SimpliAmp™ Thermal Cycler:

- Compact design
- Large color LCD touch screen simplifies operations
- VeriFlex™ Blocks provide independent temperature zones, offering better accuracy than gradient thermal cyclers



Instrument specifications	
Block format	96-well, 0.2 mL VeriFlex Blocks
PCR volume range	10–100 µL
Reaction speed	<ul style="list-style-type: none"> • Enabled to run Fast chemistry • Controllable ramp rate
Program features	<ul style="list-style-type: none"> • Program overwrite protection • Auto restart (after power outages) • Edit program during experiment • One-touch incubation
VeriFlex Blocks range	10°C (5°C zone-to-zone, with 3 VeriFlex™ zones)
Temperature accuracy	±0.25°C (35°–99.9°C)
Max block ramp rate*	4°C/sec
Max sample ramp rate*	3°C/sec
Temperature range	0°–100.0°C
Temperature uniformity	<0.5°C (30 sec after reaching 95°C)
Temperature calibration	Calibrated to standards traceable to the National Institute of Standards and Technology
Dimensions (H x W x D)	21.0 x 24.0 x 46.0 cm (8.3 x 9.5 x 18.1)
Weight	8.3 kg (18.3 lb)
Instrument memory	USB and onboard memory
Display interface	8-inch color TFT LCD
Power	100–240 V, 50–60 Hz, max. 600 W
Data connectivity**	Cloud or mobile via Ethernet or WiFi
Cat. No.	A24811

* Reaction volume at 1 µL.

** The Instrument Connection app, available at Apple™ and Google™ app stores, can be used to monitor your instrument.

Find out more at thermofisher.com/simpliamp

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