SimpliAmp Thermal Cycler

Elegantly simple and precise

= cloud-enabled instrument

Key features

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

Instrument specifications	
Block format	96-well, 0.2 mL VeriFlex Blocks
Features	• Enabled to run Fast chemistry • Controllable ramp rate • Program overwrite protection • Auto restart (after power outages) • Edit program during experiment • One-touch incubation
Max block ramp rate*	4°C/sec
Max sample ramp rate*	3°C/sec
Temperature accuracy	±0.25°C (35–99.9°C)
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 in)
Weight	8.3 kg (18.3 lb)
PCR volume range	10–100 µL
Instrument memory	USB and 2,000 MB onboard memory; onboard capacity >1,000 protocols
Display interface	8-inch color TFT LCD
Power	100–240 V, 50–60 Hz, max. 600 W
VeriFlex Blocks	3 temperature zones, 20°C range (10°C zone-to-zone)
Data connectivity**	Cloud or mobile via Ethernet or WiFi
Cat. No.	A24811

* Reaction volume at 1 µL.

** The Instrument Connect app, available at Apple™ and Google™ app stores, can be used to monitor your instrument. Thermo Fisher Connect can be used to create and share protocols, schedule an instrument, and start and monitor runs remotely.

Find out more at **thermofisher.com/simpliamp**

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