

SimpliAmp™ Thermal Cycler

Precise control over PCR optimization

Key features

- Compact design
- Large, color LCD touch screen that 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	<ul style="list-style-type: none"> • Supported 10°C (5°C zone-to-zone) • Settable 20°C (10°C zone-to-zone) • 3 VeriFlex™ zones
Temperature accuracy	±0.25°C (35–99.9°C)
Max block ramp rate*	3.5°C/sec
Max sample ramp rate†	1.90°C/sec
Temperature range	0–100.0°C
Temperature uniformity‡	<0.5°C
Temperature calibration	Calibrated to standards traceable to the National Institute of Standards and Technology
Dimensions	Width: 24.0 cm (9.45 in.) Height: 21.0 cm (8.27 in.) Depth: 46.0 cm (18.11 in.)
Weight	8.3 kg (18.3 lbs.)
Instrument memory	USB and on-board memory
Display interface	8 in. color TFT LCD
Power	100–240 V, 50–60 Hz Max: 600 W
Data connectivity§	Ethernet or Wi-Fi
Cat. No.	A24811

* Reaction volume at 1 µL.

† Reaction volume at 10 µL.

‡ Temperature uniformity at 30 seconds after reaching 95°C.

§ the PCR Essentials Mobile App, available at Apple® and the Google™ app stores, can be used to monitor your instrument

For more information visit:

www2.lubio.ch/special-offers/simpliamp-thermal-cycler/

life
technologies

lubio
science