



PowerFlex Thermal Cycler

The Applied Biosystems™ PowerFlex™ Thermal Cycler offers exceptional performance, compatibility, and productivity with advanced temperature control technology and connectivity.

- **Precise temperature**—designed with Applied Biosystems™ VeriFlex™ Blocks to meet stringent thermal control requirements
- **Multiple formats for multi-user environments**—96-well and 3 x 32-well block formats with independent control
- **Innovative user interface**—expanded 10.1 in. touchscreen with an intuitive interface for easy, interactive programming
- **Compatibility with a broad range of PCR plate types**—fully skirted, semi-skirted, and non-skirted (96-well block format)
- **Smart Help**—fast and accurate troubleshooting for enhanced productivity



Block format	96-well, 0.2 mL	3 x 32-well, 0.2 mL
Max. block ramp rate	7.0°C/sec	
Max. sample ramp rate	6.0°C/sec	
Temperature accuracy	±0.15°C (35–99.9°C)	
Temperature range	0–100.0°C	
Heated cover temperature range	30–110°C	
Temperature uniformity	<0.4°C (at 95°C)	
Dimensions (H x W x D)	26 x 30 x 52 cm (10.2 x 11.9 x 20.3 in.)	
Weight	13 kg (28.7 lb)	15 kg (33 lb)
PCR volume range	1–100 µL	
Instrument memory	32 GB onboard memory (>1,000 protocols)	
Connectivity	3 USB ports, Ethernet, Wi-Fi*	
Display interface	10.1 in. thin-film transistor (TFT) touchscreen	
Power	100–240 V, 50–60 Hz, max. 1,000 W	
VeriFlex Blocks range	6 temperature zones (up to 10°C zone-to-zone), 30°C range across the block	2 temperature zones (up to 10°C zone-to-zone) per block
Smart Help	Yes	
Cat. No.	A40008064	A40008063

* The Applied Biosystems™ High-Power USB Wi-Fi Module (Cat. No. A26774) is needed to connect to Wi-Fi.

 Learn more at thermofisher.com/powerflex

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