

MiniAmp Thermal Cyclers



Routine PCR: elevated

Key features of Applied Biosystems™ MiniAmp™ Thermal Cyclers

- **Compact design**—fits on every benchtop
- **Option to upgrade**—get VeriFlex™ temperature control technology for PCR optimization when you move up to the Applied Biosystems™ MiniAmp™ Plus Thermal Cycler
- **Cloud-enabled**—conveniently access your instrument anytime, anywhere with Thermo Fisher Connect



Instrument specifications	MiniAmp Thermal Cycler	MiniAmp Plus Thermal Cycler
Block format	96-well, 0.2 mL isothermal block	96-well, 0.2 mL 3-zone VeriFlex™ Block
Max. block ramp rate*	3.0°C/sec	3.5°C/sec
Max. sample ramp rate*	2.2°C/sec	2.7°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)	20 x 19 x 39 cm (7.9 x 7.5 x 15.4 in.)	
Weight	5.9 kg (13.0 lb)	
PCR volume range	10–100 µL	
Instrument memory	2,000 MB onboard memory (capacity for >1,000 protocols); USB port for additional external storage	
Display interface	5-inch color TFT LCD	
Power	100–240 V, 50–60 Hz, max. 500 W	
VeriFlex Blocks	Not available	3 temperature zones, 20°C range (10°C zone-to-zone)
Data connectivity**	Cloud or mobile via Ethernet or WiFi	
Cat. No.	A37834	A37835

* At reaction volume of 1 µL.

** The Instrument Connect app, available on the 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.



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