

PCR- Thermal Cycler



Technical Data

Name	QIAGEN QIAamplifier 96
Capacity	96 x 0.2 ml tubes, 96-well micro plates or 8-well strips
Block material	Aluminum
Block coating	Special alloy
Max. heating rate*	4.0°C/s
Max. cooling rate*	3.3°C/s
Avg. heating rate*	3.7°C/s
Avg. cooling rate*	3.0°C/s
Linear Gradient Tool	Yes
Max./min gradient	20°C/0.1°C
Gradient temperature range [†]	20°C to 99°C
Temperature uniformity	95°C: +/- 0.60°C after 15 s 72°C: +/- 0.30°C after 15 s 55°C: +/- 0.20°C after 15 s
Temperature range	4°C to 99°C
Control accuracy	+/- 0.1°C
Software	User-specific quick start option for the five most recent programs; program preview before start; option for toggling between programming table and graph programming mode; Linear Gradient Tool1, service info file (SINF) generation; expanded self-test; adjustable

	ramp rates; gradient temperature diagram view
Program memory	Total capacity of 350 programs in up to 90 user directories
Language	English
Display	7" color touch screen
Automatic restart after power failure	Yes
HPSL technology	Yes
Lid temperature range	30°C to 110°C
Power consumption	550 watt
Operating voltage	100, 115, 230 Volt \pm 10%, 50 – 60 Hz
Fuse	2 x 8AT (special type of fuse required) Please contact QIAGEN technical services for assistance
Noise emissions	Very low, max. 45 dBA
Interfaces [†]	USB A, Ethernet
Environmental conditions	15°C to 35°C, max. 70% air humidity, max. 2,000 m above sea level, overvoltage category II, pollution degree 2, IP20
Dimensions (WxDxH)	260 mm x 430 mm x 210 mm
Dimensions (WxDxH) with open lid	260 mm x 430 mm x 385 mm
Weight	11.5 kg