

ProFlex PCR System

The Applied Biosystems™ Proflex™ PCR System is the only thermal cycler that allows simultaneous remote access by three users to control three independent blocks

- **Accessible by multiple users**—run three experiments with three independently controlled blocks
- **Flexible block configuration**—accepts five types of thermal blocks for thermal optimization and throughput options
- **Convenient remote access**—connect via the cloud or a mobile device and monitor your instrument from anywhere with a free mobile app



Block format	3 x 32-well, 0.2 mL independent control	96-well, 0.2 mL	2 x 96-well, 0.2 mL	2 x flat block for chips and arrays	2 x 384-well, 0.02 mL
Features	Run three experiments at once or at different times	Perform complete optimization work with full 96-well VeriFlex™ Block	High throughput in 96-well format	Highest throughput capability: 8 x 3,072 OpenArray™ Plate* or 24 x 20K Chip**	High throughput in 384-well format
Max block ramp rate	6.0°C/sec	6.0°C/sec	3.0°C/sec	1.6°C/sec	3.0°C/sec
Max sample ramp rate	4.4°C/sec	4.4°C/sec	1.6°C/sec	NA	1.6°C/sec
Temperature accuracy	±0.25°C (35°–99.9°C)				
Temperature range	0°–100.0°C				
Temperature uniformity	<0.5°C (20 sec after reaching 95°C)				
Dimensions (H x W x D)	27.2 x 33.0 x 56.5 cm (10.6 x 13 x 22 in)				
Weight	18.8 kg (41 lb)		20.4 kg (45 lb)		
PCR volume range	10–80 µL	10–80 µL	10–100 µL	33 nL	5–20 µL
Instrument memory	USB, onboard				
Display interface	8.4-inch color TFT LCD				
Power	100–240 V, 50–60 Hz, max: 950 VA				
VeriFlex™ Blocks	2 temperature zones per block (5°C zone-to-zone)	6 temperature zones 25°C range (5°C zone-to-zone)	N/A		
Cat. No.: Complete system (base and block)	4484073	4484075	4484076	4484078	4484077
Cat. No.: Block (includes block only)	4483638	4483637	4484071	4484074	4484072

* OpenArray plate is compatible with the Applied Biosystems™ QuantStudio™ 12K Flex Real-Time PCR System.
 ** 20K Chip is compatible with the Applied Biosystems™ QuantStudio™ 3D Digital PCR System.

Find out more at thermofisher.com/proflexpcr