

Specifications

DNA Engine Cyclcr



DNA Engine Dyad Cyclcr



Dyad Disciple Cyclcr



DNA Engine Tetrad 2 Cyclcr



Sample capacity	Depends on Alpha unit used (holds 1)	Depends on Alpha units used (holds 2)	Depends on Alpha units used (holds 2)	Depends on Alpha units used (holds 4)
Speed of ramping*	Up to 3°C/sec	Up to 3°C/sec	Up to 3°C/sec	Up to 3°C/sec
Temperature range*	0–105°C	0–105°C	0–105°C	0–105°C
Temperature accuracy*	±0.3°C	±0.3°C	±0.3°C	±0.3°C
Temperature uniformity*	±0.4°C	±0.4°C	±0.4°C	±0.4°C
Input power	100–240 VAC, 50–60 Hz, 400 W max	200–240 VAC, 50–60 Hz, 1600 W max fitted with NEMA L6-20P plug	200–240 VAC, 50–60 Hz, 1600 W max fitted with NEMA L6-20P plug	200–240 VAC, 50–60 Hz, 1600 W max fitted with NEMA L6-20P plug
Display	20 x 4 alphanumeric LCD	320 x 240 pixels, 256 colors	No display	320 x 240 pixels, 256 colors
Memory	400 typical programs	1,000 typical programs	No intrinsic memory	1,000 typical programs
Dimensions (W x D x H)	24 x 35 x 25 cm, chassis and Alpha unit	48 x 29 x 21 cm, chassis and Alpha units	46 x 28 x 21 cm, chassis and Alpha units	47 x 61 x 21 cm, chassis and Alpha units
Weight**	5.8 kg (12.8 lb)	10.4 kg (22.9 lb)	10.1 kg (22.3 lb)	21.6 kg (47.6 lb)
Thermal gradient accuracy***	±0.3°C	±0.3°C	±0.3°C	±0.3°C
Thermal gradient differential range***	1–24°C	1–24°C	1–24°C	1–24°C

* Some thermal specifications do not apply to dual-block and Slide Chambers Alpha units and PTC-100® 60-well block. For specifications for these units, visit discover.bio-rad.com

** Chassis only. 96-well Alpha unit weighs 3.2 kg (7.0 lb).

*** Gradient available with 96-well Alpha unit only.