



CareFree Fast Thermal Cycler

PCR CYCLER



Features

- Max. Ramping Rate Up to 6°C/s
- 2 years warranty
- Large full Touch Screen with Graphical Display
- Interchangeable Reaction Modules
- Adjustable Head Lid

Fast Gradient Model: CF-F9677

Gradient Model: CF-G9677

Economy Model: CF-E9677

Specifications

- Max. Ramping Rate: 6°C/s (CF-F9677)
- Max. Cooling Rate: 5°C/s (CF-F9677)
- Module Temperature Range: 0°C~100°C
- Module Temperature evenness: $\leq \pm 0.2^\circ\text{C}$
(at 95°C)
- Module Temperature precision: $\leq \pm 0.2^\circ\text{C}$
(35°C ~ 100°C)
- Display precision: 0.1°C
- Temperature changing rate adjustable: yes
- Gradient Temperature evenness: $\leq \pm 0.3^\circ\text{C}$
(at 95°C)
- Gradient Temperature precision: $\leq \pm 0.3^\circ\text{C}$
(35°C~100°C)
- Gradient Temperature Range: 30°C ~ 99.9°C
- Gradient Temperature Distribution: 12 line (vertical)
- Heat Lid Temperature: 30°C~112°C(adjustable)
- Number of Stored programs:
Max.15,000 (downloadable via flash disk)
- Number of protocols: Max. 30
(feasible for multinest cycling)
- Max. number of standard cycles: 100
(up to 60000 in nest cycling)
- Time increase/decrease: 1 ~ 120s,
(feasible for Long PCR)
- Temperature increase/decrease:
0.1 ~ 10.0°C
(feasible for Touchdown PCR)
- Wide voltage range: 85V ~ 265V
- Power: Max. 600W
- Dimensions: 362 x 256 x 255 mm
- Net weight: 7.3 kg