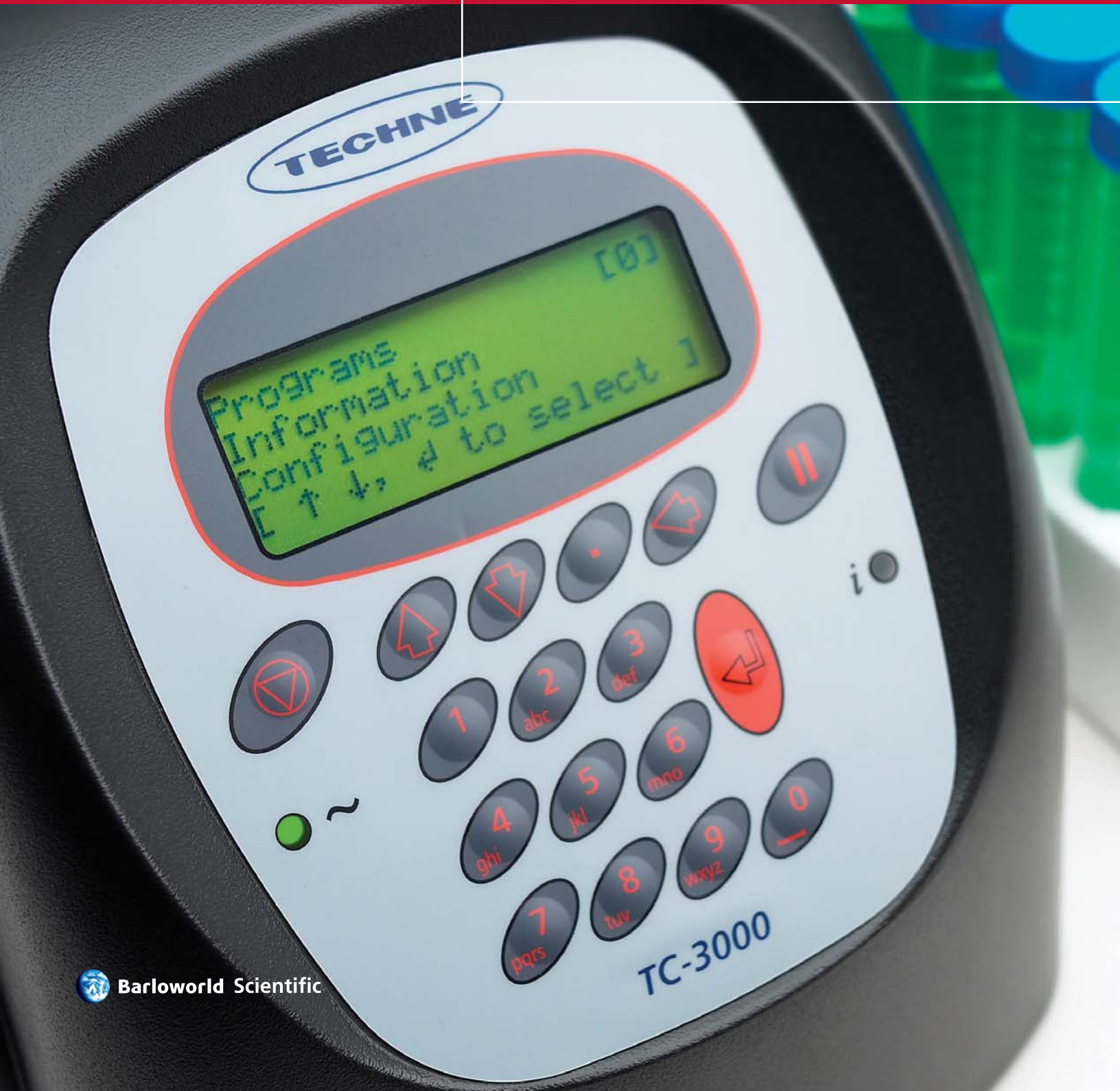




TC-3000 Thermal Cycler

Industry Leading Warranty...
4 years or 80,000 cycles



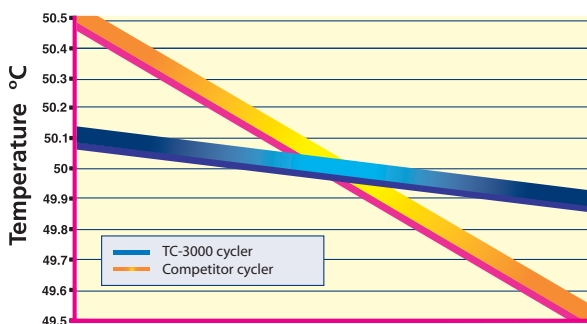


TC-3000 Thermal Cycler

The TC-3000 thermal cycler is unrivalled as a reliable low cost Personal cycler. Designed for research and teaching, the TC-3000 offers the ultimate in low cost solutions where ease of use is high on the priority list.



Uniformity of Temperature Across Sample Block



Graph showing the typical uniformity across the block at 50°C set point on a Techne thermal cycler compared to competitors' cyclers

Techne TC Thermal Cyclers enjoy a well-earned reputation for accuracy and reliability and are in use laboratories around the world. Compact, robust and versatile, the range includes models to suit every application and budget.

The TC-3000 is one of the smallest, lowest cost units on the market. It is available as a stand alone unit in 25 x 0.2ml or 20 x 0.5ml microtube interchangeable block formats.

- Unparalleled block uniformity: typically +/- 0.1°C at 50°C, ensuring optimal reproducibility.
- Fast heating rate: up to 3.6°C/sec for quick PCR cycles
- Small footprint: at only 91 in², the TC-3000 is even economical on space.
- Fast and intuitive programming with large memory, features quick dial and password protection.
- Heated lid with selectable temperature range from 100°C to 115°C is sprung to fit both 0.2ml domed and 0.5ml flat top tubes and can be enabled or disabled.

Technical Specification

Sample capacity (0.5ml)	20
Sample capacity (0.2ml)	25
User interchangeable blocks (tool required)	Yes
Heating rate	3.6°C/sec
Block uniformity at 50°C	±0.1°C
Temperature range	4°C to 99°C
Temperature set point precision	0.1°C
Selectable heated lid temperature	100°C - 115°C
Heated lid enable/disable	Yes
Over-temperature cut-out	Yes
Number of programs	80
Password protection	Yes
Programming / display	4-line alphanumeric
Peltier elements / blocks	4
Dimensions L x W x H (inches)	13 x 7 x 7.5
Connection to PC (RS232)	Yes (via Gensoft)
Power	230V / 120V

Ordering information

Code	Description
FTC3/02	Thermal cycler TC3000, 25 x 0.2ml capacity
FTC3/05	Thermal cycler TC3000, 20 x 0.5ml capacity
Accessory blocks	
FTC3/02/B	Block, 25 x 0.2ml
FTC3/05/B	Block, 20 x 0.5ml

