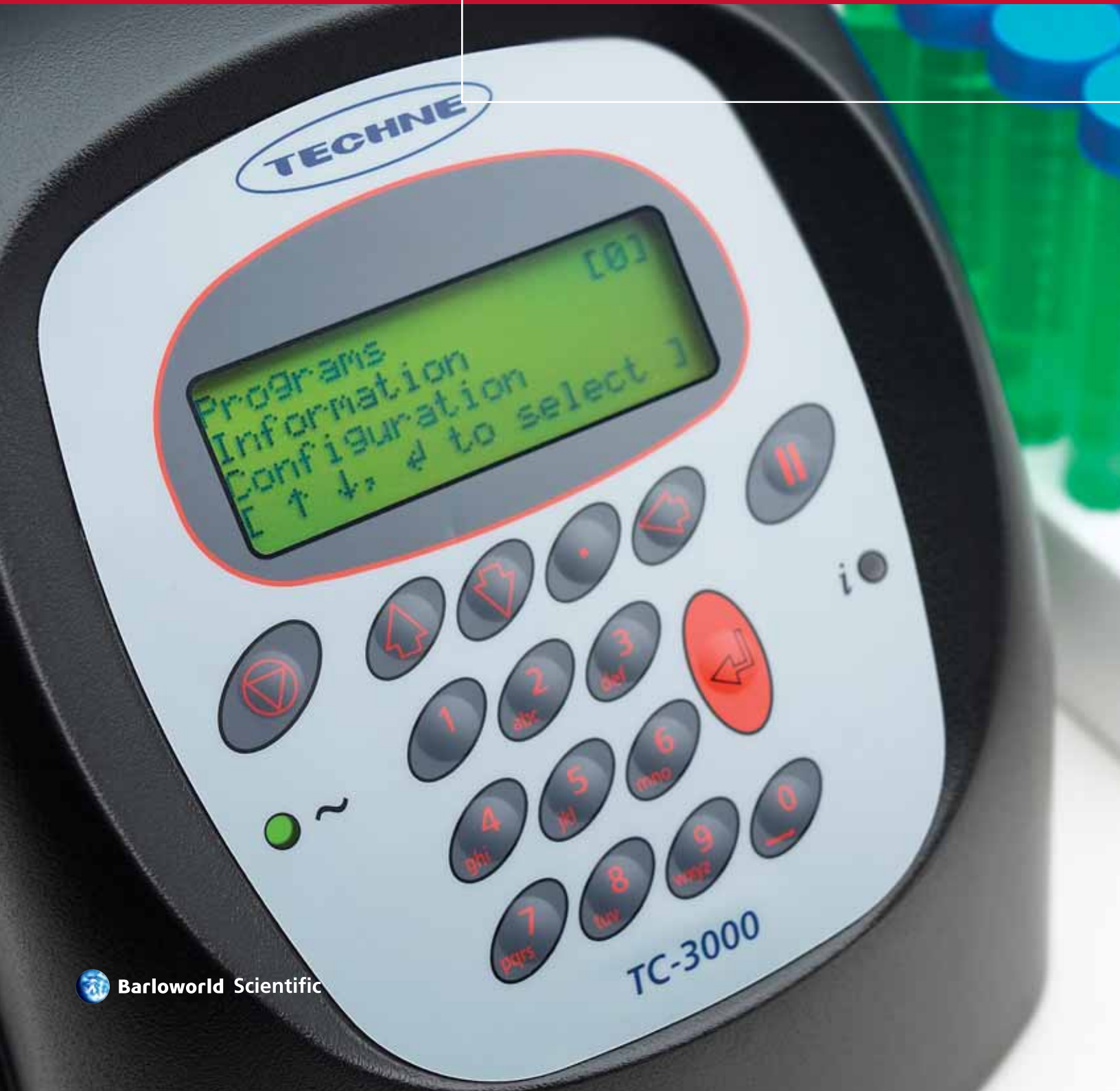




# TC-3000 Thermal Cycler

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



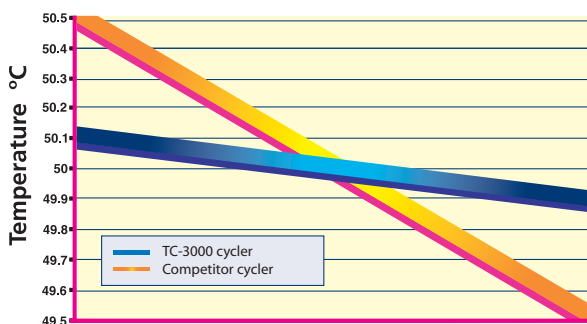


# TC-3000 Thermal Cycler

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 used in 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 in<sup>2</sup>, the TC-3000 is even economical on space.
- Fast and intuitive programming with large memory, features quick dial and password protection.
- Versatile heated lid, with selectable temperature range from 100°C to 115°C, is designed 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









