

Thermal Cycler, Gradient, TC-512

- Ideal for a very large number of samples
- Each block consists of 8 Peltier units, controlled by 4 independent control sensors distributed evenly across the block to ensure the most accurately controlled linear gradient available
- Gradient range 20°C to 70°C, maximum 30°C
- Heating rate of 3.0°C/sec and block uniformity of $\pm 0.3^\circ\text{C}$ at 50°C with or without a gradient
- User-friendly programming interface provided by a 115 x 90mm, touch-sensitive screen
- Real-time graphical display shows the sample temperature profile including the upper and lower limits of the gradient
- Memory cards provide flexible and secure way of storing programmes
- Gradient calculator function displays the temperature of each column of tubes, ensures accurate replication of experimental conditions
- User friendly interchangeable block systems
- PC control and networking option
- Defined pressure programmable heated lid
- Easy to use programming software with free upgrades downloadable from the Techne website: www.techne.com



Product Code	Description
FTC51S5D	TC-512 for 60 x 0.5ml microtubes
FTC51H2D	TC-512 for 96 x 0.2ml microtubes or 96 well plate
FTC51F2D	TC-512 for 96 x 0.2ml microtubes or 96 well fully skirted plate
FTC5384D	TC-512 for 384 well plate
FTC51FLD	TC-512 for flat plate in-situ (non-gradient)

Accessories, Interchangeable Blocks

Product Code	Description
FTC515BD	Block for 60 x 0.5ml tubes
FTC51BHD	Block for 96 x 0.2ml microtubes or 96 well plate
FTC51BFD	Block for 96 x 0.2ml microtubes or 96 well fully skirted plate
FTC5B384	Block for 384 well plate
FTC51BID	Flat plate for in-situ (non-gradient)

