Eppendorf Mastercycler® X50

eppendorf

The elegant synthesis of speed, flexibility and optimisation for research PCR applications and standardisation for routine PCR applications such as food testing etc. A new highly intuitive touch screen concept puts all of those benefits always at your fingertips. Speed and enhanced optimisation functions like the 2D-Gradient make the Mastercycler® X50 the ideal tool for advanced research in molecular biology. The block temperature control and regulation give rise to the next stage of optimisation, whereas the adaptable user management and profound documentation capabilities give peace of mind to laboratories working or conforming to set standards. A highly intuitive touch display, low noise levels, low power consumption, and the versatile flexlid® concept complete the product to be a powerful yet discrete tool.

- Innovative 2D-Gradient for advanced PCR optimisation
- Up to 10 units can be combined for high throughput applications or labs with a high number of users running different assays
- Up to 50 units can be combined in a computer-controlled network
- Heating rate: up to 10°C/s
- Wide selection of blocks
- Intuitive touch display
- Connect up to 10 units to a network
- flexlid® concept: automatic height adjustment of the lid allows you to use all types of consumables
- Small footprint
- Gradient range: 30 to 99°C

Code	Description	Block Material	96/384 Well Plate	Heating Rate, °C/sec	Cooling Rate, °C/sec	Price
E6301000047	Mastercycler X50i	Silver	96	10	5	**£6998.00**
E6303000044	Mastercycler X50l	Aluminium	96	5	2.3	**£6526.00**
E6305000041	Mastercycler X50r	Aluminium	384	5	2.3	**£6998.00**
E6306000045	Mastercycler X50t	Aluminium	384	5	2.3	**£7472.00**
E6311000045	Mastercycler X50s	Silver	96	10	5	**£8513.00**
E6313000042	Mastercycler X50a	Aluminium	96	5	2.3	**£8040.00**
E6315000040	Mastercycler X50p	Aluminium	96	5	2.3	**£8512.00**
E6316000043	Mastercycler X50h	Aluminium	384	5	2.3	**£8513.00**

Eppendorf Mastercycler® nexus

eppendorf

Offers flexibility and connectivity. With intuitive software for ease of programming and a compact footprint, up to 3 nexus thermal cyclers can be connected and centrally controlled - it will even send you a status email to your desktop. Available with a silver block option for fast heating (5°C/sec), universal block option for flexibility or flat block option, which allows for the use specialist consumables such as slides without an adaptor. The flexlid® concept, which is included on all Mastercycler® nexus thermal cyclers, incorporates automatic height adjustment of the lid allowing for the use of all types of consumables and all blocks featuring SteadySlope® technology. With SteadySlope®, the heating and cooling ramp rates are identical in both gradient and normal operation, so ensuring identical temperature control characteristics in both optimisation and routine experiments.

- Available as a silver blocks option, universal blocks option and flat block option (for specialist consumables)
- Heating rate 5°C/sec for silver block instruments
- Intuitive graphic software interface provides quick and easy programming
- Protocols can be stored in an individual password protected folder
- Intuitive graphic programming interface
- Low energy consumption, low noise and a small footprint
- USB port and up to 2 other units can be interconnected via CAN_BUS (eco versions need to be connected to a Mastercycler® nexus with control and display panel)
- Optional self test functionality

Code	Description	Block Material	Sample Capacity, mL	Heating Rate, °C/sec	Cooling Rate, °C/sec	Gradient Range, °C	Price
E6331000041	nexus gradient	Aluminium	96 x 0.2 or 71 x 0.5	3	2	1 - 20	**£7361.00**
E6333000049	nexus	Aluminium	96 x 0.2 or 71 x 0.5	3	2	—	**£6150.00**
E6332000045	nexus eco	Aluminium	96 x 0.2 or 71 x 0.5	3	2	—	**£4748.00**
E6334000042	nexus gradient eco	Aluminium	96 x 0.2 or 71 x 0.5	3	2	1 - 20	**£5988.00**
E6345000044	nexus GSX1	Silver	96 x 0.2	5	3.5	1 - 20	**£8482.00**
E6346000048	nexus SX1	Silver	96 x 0.2	5	3.5	—	**£7285.00**
E6347000041	nexus GSX1 eco	Silver	96 x 0.2	5	3.5	1 - 20	**£6886.00**
E6335000046	nexus flat	Flat aluminium	4 x slides or equivalent	3	2	—	**£6843.00**
E6330000048	nexus flat eco	Flat aluminium	4 x slides or equivalent	3	2	—	**£5322.00**