

PCRmax Alpha cycler end-point thermal cycler



The PCRmax Alpha Cyclers are compact and feature driven entry level PCR machines with ease of use and performance at their core. Available in 1 block or 2 block chassis, the Alpha Cycler interface is Android based, with a large 7" HD touchscreen for responsive control of the software. Ideal for multi user environments, users can make any USB device their own login key allowing them to use multiple systems in different locations like a personal unit. Programs can be easily stored, transferred, protected and locked while running. Alpha cycler 2 – Dual blocks are fully independent and can run different protocols

- Alpha track- Remote monitoring can be set to check system performance every run and notify end user of performance impacting abnormality
- Active Sample cooling - For sharper amplification and minimal non-specific amplification
- Program Wizard - Generate a protocol specific to your sequence, template source and amplicon length in seconds or optimise your protocol
- Report generated on run conditions and state following completion of protocol
- Gradient - Allowing for simplified temperature optimisation, no matter the block chosen
- 96/384 well formats - Flexibility for any scale and user needs



2 YEARS



2 YEARS

Code	Alt Ref	Description
MOL6344	AC196	Alpha cycler 1 chassis with a single 96 well block
MOL6346	AC1384	Alpha cycler 1 chassis with a single 384 well block
MOL6224	AC296	Alpha cycler 2 chassis with two 96 well blocks
MOL6226	AC2384	Alpha cycler 2 chassis with two 384 well block
MOL6228	AC2196	Alpha cycler 2 chassis with one 96 and one 384 well blocks

PCRmax ECO qPCR real-time instrument



The PCRmax Eco 48 utilises patented block and four colour optical technologies to deliver extreme speed, sensitivity and data quality run after run. With an optimised protocol as fast as 15 minutes, all using standard plastic ware and consumables, sensitivity down to 1 copy detection and the world's most accurate block, the Eco 48 will deliver speed, confidence, performance, value and sensitivity. The Eco's free analysis software exploits the accuracy of the system and the speed to allow users to simply combine multiple runs together and analyse them as one experiment.

- MIQE compliant
- HRM functionality is provided as standard and can discriminate class IV SNP 99.9% of the time
- The Eco 48 can utilise four colours for easy multiplexing
- Industry leading $\pm 0.1^{\circ}\text{C}$ temperature uniformity (recorded at 95°C no settle time)
- High uniformity provides high quality data
- Fast block-based real-time PCR system with the ability to run 40 cycles in 20 minutes or less
- The PCRmax Eco 48 is an open platform that can utilise any chemistry, dye or PCR reagent
- Calibrated for SYBR®, FAMTM, HEXTM, VICTM, ROXTM and Cy®5 fluorescent dyes
- Easy to use software, streamlined for novices and experts



2 YEARS



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Code	Alt Ref	Description
MOL6348	ECORT48	Eco 48 Real Time PCR system, including software and loading dock

Accessories

Code	Alt Ref	Description
MOL6350	ECOPLATE48	Eco 48 plates
MOL6352	ECOSEAL48	Eco 48 plate seals