

AlphaCycler Thermal Cyclers

1, 2 or 4 block PCR units. Compact.

- **ASC system - Active sample cooling for more specific amplifications**
- **Program wizard: generate a quick and easy protocol based on sequence, matrix origin and amplicon size**
- **Gradient: on all instruments, on all blocks, allows to target the right hybridization temperature**
- **96/384 wells: flexibility of flow rate for different applications**
- **USB: connectivity for transferring protocols between machines**
- **Android control, 7" (AC1) or 10" (AC2, AC4) screen: simple and intuitive use**

Model	1 block (AC1)	2 blocks (AC2)	4 blocks (AC4)
Format	1 block	2 blocks	4 blocks
Block options	96 or 384 well	96 or 384 or 1 x 96 - 1 x 384	96 or 384 or 3 x 96 - 1 x 384 or 2 x 96 - 2 x 384 or 3 x 96 - 3 x 384
Maximum temperature rise	3.4 °C/sec		
Temperature range	10 °C to 100 °C (4 °C storage temp.)		
Block uniformity at 55°C	± 0.3°C		
Temperature accuracy at 55°C	± 0.25°C		
Gradient	Yes on all formats		
Max /min gradient Temp.	29 °C / 1 °C		
Number of recordable programmes	1000		
Fan noise emission	50 dB	50 dB (1 block in FCT) 55 dB (2 blocks in FCT)	50 dB (only 1 block in FCT) 55-58 dB (4 blocks in FCT)
Number of peltier/block elements	8		
Heated/adjustable lid temperature	Yes from 35 °C to 115 °C or inactive		
Pressure of the heating cover	Adjustable		
Program interface	7" 1080 pHD	10" 1080 pHD	
Dimensions L x W x H(mm)	430 x 260 x 200	470 x 535 x 330	700 x 535 x 200
Weight (kg)	11.8	30	45
Voltage	110-230 V, 50-60 Hz		

Alpha Cycler 1

Cat. No.	Number of blocks	€ Excl. VAT
789980	1 block 96-well	NC -
789981	1 block 384-well	NC -

Alpha Cycler 2

Cat. No.	Number of blocks	€ Excl. VAT
999610	2 block 96-well	NC -
999611	2 block 384-well	NC -
999612	1x 96-well block and 1 x 384-well block	NC -



Alpha Cycler 4

Cat. No.	Number of blocks	€ Excl. VAT
789982	4 block 96-well	NC -
789983	4 block 384-well	NC -
789984	1 x 96-well block and 3 x 384-well blocks	NC -
789985	2 x 96-well blocks and 2 x 384-well blocks	NC -
789986	3 x 96-well blocks and 1 x 384-well block	NC -

