

**Thermocycler Alpha Cyclers****PCRmax****Thermocycler Alpha Cyclers**

The Alpha Cyclers family from PCRmax provides a range of features which are specifically designed to meet the needs of modern researchers when amplifying DNA. Given the flexibility in format and block options (96 or 384 well) scalability is core in the Alpha Cyclers range. Alpha Cyclers software has features such as recently used programmes, allowing users to quickly access their most commonly used protocols without the need to navigate through folders to find it, individual user logins, with protected protocols. The Alpha Cyclers systems also contain a novel programme wizard which allows users to define a protocol based specifically on their primer sequence and template source. Primer sequences or TM's are entered, amplicon length and source defined and the on board algorithm generates an optimised protocol for your assay. The Alpha Cyclers range of block options allow for use of the most commonly used consumables from different manufacturers and includes 96 well plates (0.2 ml), tubes (0.2 ml), strip tubes (0.2 ml) and 384 well plates.

-Single, dual or four block options available with either 96 or 384 well gradient blocks

**-Multi-block units have totally independent blocks for maximum flexibility**

-HD Android driven touchscreen interface for simplified programming

-Generate and send instrument reports to diagnose the health of your system and identify any issues before they impact users work

-Lock programs with user defined password

-Alpha Track mobile app allows remote monitoring of run progress

Alpha Track App (free of charge): Track the progress of runs and health of your system remotely via the mobile app

The Alpha Track Application is used in conjunction with your Alpha Cyclers and allows users to:

-Remotely track the progress of runs

-Send a health report for diagnosis by the technical support team

-Be notified of any issues and prevent system failures before occurring

**Specifications**

**Block temperature: +10 to +100 °C**

**Block uniformity at 55°C: ±0.3 °C**



Temperature accuracy at 55°C:  $\pm 0.25$  °C

Max. Heating rate: 3.4 °C/s

Code	Description	Packaging
LLG04658857	Alpha cycler 2 chassis w. 2 blocks 96/1	1 pz
LLG04658858	Thermocycler Alpha Cycler, Type AC2384, 2 x 384 well blocks, Dimensions (W x D x H) 470 x 535 x 330 mm, Weight 30 kg	
LLG04658859	Thermocycler Alpha Cycler, Type AC2196, 1 x 96 + 1 x 384 well blocks, Dimensions (W x D x H) 470 x 535 x 330 mm, Weight 30 kg	



Code	Description	Packaging
LLG04658860	Thermocycler Alpha Cyclers, Type AC496, 4 x 96 well blocks, Dimensions (W x D x H) 700 x 535 x 330 mm, Weight 45 kg	
LLG04658861	Thermocycler Alpha Cyclers, Type AC4384, 4 x 384 well blocks, Dimensions (W x D x H) 700 x 535 x 330 mm, Weight 45 kg	
LLG04658862	Thermocycler Alpha Cyclers, Type AC4196, 1 x 96 + 3 x 384 well blocks, Dimensions (W x D x H) 700 x 535 x 330 mm, Weight 45 kg	
LLG04658863	Thermocycler Alpha Cyclers, Type AC4296, 2 x 96 + 2 x 384 well blocks, Dimensions (W x D x H) 700 x 535 x 330 mm, Weight 45 kg	
LLG04658864	Thermocycler Alpha Cyclers, Type AC4396, 3 x 96 + 1 x 384 well blocks, Dimensions (W x D x H) 700 x 535 x 330 mm, Weight 45 kg	



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