



**Bioer  
Technology**

## LifePro™ Gradient Thermal Cycler

Gradient PCR. **3375€** What More Could You Ask For?

### Affordable gradient PCR

The LifePro PCR system is a simple answer to a difficult question – how can our lab afford a gradient PCR machine? At just 3890 €, the LifePro is the perfect solution for labs that need to optimize amplification efficiencies of a PCR reaction. A thermal gradient of up to 30°C can be precisely generated so that the temperature of each well is repeatable cycle-to-cycle. Sporting a fully adjustable heated lid, this thermal cycler is compatible with a wide range of 0.2 ml PCR tubes (standard and low profile) and 96-well PCR microplates (fully-, semi-, and non-skirted). The instrument is designed for simplicity including a bright graphical display and easy-to-navigate programming. Small and robust, the LifePro can carve out a niche in any lab environment by providing years of reliable amplification!

LifePro Gradient Thermal Cycler



### Performance you can rely on

Manufactured by one of the top thermal cycler companies in the world, all Bioer PCR systems are powered by top-of-the-line thermoelectric. And with nearly 10,000 cyclers shipped since 2005, and a reliability rate in excess of 95%, you can trust in Bioer's well-tested design principles. Every system ships with a two year full warranty including parts, labor and shipping.



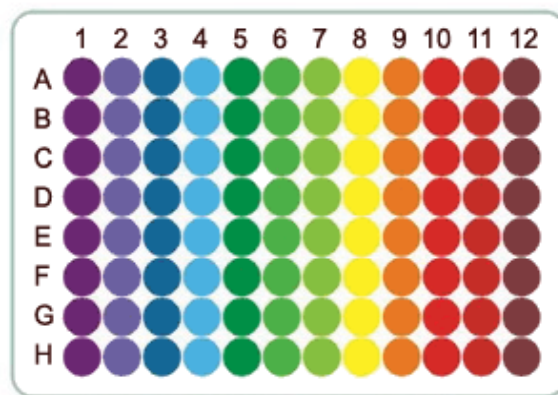
Thermal Cycler Production

# LifePro™ Gradient Thermal Cycler

We invite you to carefully read the specifications of the LifePro PCR System and compare these to “name brand” machines for which you might be paying almost twice the amount of money. Pay particular attention to the important specifications regarding thermal uniformity, thermal accuracy and thermal ramp rate – the guiding parameters for fast and repeatable PCR results. We think you'll agree – our cycler delivers the best value in the market.

The gradient LifePro uses the advanced Peltier technology and the mature application design by Bioer, which has faster speed than traditional models and better uniformity ( $\leq 0,2^{\circ}\text{C}$ ) with the accuracy ( $\leq 0,1^{\circ}\text{C}$ ) so that it ensures the reliability and repetition.

Gradient function, with up to  $30^{\circ}\text{C}$  of the temperature range. It can not only to optimize the annealing temperature, but also optimize all temperatures in PCR cycles, as well as meet the needs of even the most demanding tests.



Up to  $30^{\circ}\text{C}$  Temperature Gradient

## SPECIFICATIONS

Interchangeable Blocks	No
Capacity	96x 0.2ml tubes (low profile and standard) or 1x 96-well microplate
Temperature Range	$4^{\circ}\text{C} - 99^{\circ}\text{C}$
Thermal Gradient	Yes
Gradient Temp Range	$1^{\circ}\text{C} - 30^{\circ}\text{C}$
Heating Rate	$\geq 4^{\circ}\text{C}/\text{sec}^*$
Cooling Rate	$\geq 4^{\circ}\text{C}/\text{sec}^*$
Thermal Uniformity	$\pm 0.2^{\circ}\text{C}$ (at $90^{\circ}\text{C}$ )*
Thermal Accuracy	$\pm 0.2^{\circ}\text{C}$ (at $90^{\circ}\text{C}$ )*
Heated Lid	Yes, Fully Adjustable
Temperature Control Mode	Block or Sample
Communication Ports	RS232, USB(Flash), LAN (control up to 30 systems)
Display	320x240 Backlit LCD
Graphical Programming	Yes
Programs	$\geq 100$ individual programs
Power Supply	VAC 110-220, 50 Hz, 600W
Size	35.4 x 25.0 x 27.0 cm (LxWxH)
Weight	10 kg
Warranty	2 Years

ITEM #	DESCRIPTION	PRICE
88863	LifePro 96-well Gradient Thermal Cycler	3890 €

**Oferta de introducción: 3375 € (iva 18% no incluido)**



CHEMLABOR, S.L.  
Polígono de Asipo  
C/A Parcela 4 Nave 7  
33428 Llanera (Asturias)

Tel. 985 73 22 93 - Fax 985 26 85 27  
e.mail: [info@chemlabor.es](mailto:info@chemlabor.es)  
[www.chemlabor.es](http://www.chemlabor.es)