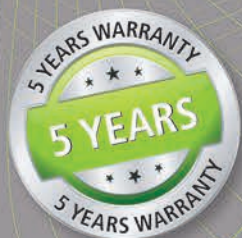


Hightech **Thermocycler**

[www.sensoquest.com](http://www.sensoquest.com)



# Labcycler 48

Small Size – Maximum Performance

# Labcyler 48

TECHNICAL DATA LABCYCLER 48

Labcyler 48 has an aluminium block with 48 wells for 0.2 ml tubes in an array of 6 x 8. Working with single tubes and stripes is possible. Heating and cooling rates are **3.5 °C/s and 3.2 °C/s during real operations**. A coloured touchscreen and a well-known graphical user interface resulted in an easy to use handling. Programs can be stored in directories that can optionally be protected by passwords. There are temperature and time in(de)crements, programmable ramp rates, restart function, an online help, and of course gradient function with 8 zones. A cheaper version without gradient function, but the option of an upgrade is also available. Its small size fits into every lab.



## SensoQuest offers two versions:

Labcyler 48 without Gradient and Labcyler 48 Gradient.  
Gradient: Up to  $\pm 10$  °C from the centre of the block, this means 20 °C from left to right.

Product	Line voltage	Order number
Labcyler 48	200 – 265 V	013-101
Labcyler 48 Gradient	200 – 265 V	013-102
Labcyler 48	100 – 130 V	013-105
Labcyler 48 Gradient	100 – 130 V	013-106

<b>Line voltage</b>	100 V to 130 V, and 200 V to 265 V, 50 to 60 Hz
<b>Power consumption</b>	Maximum 180 W, standby 25 W
<b>Noise</b>	Idle 38 dBA, typical 44 dBA, maximum 48 dBA
<b>Display</b>	TFT illuminated colour display ¼ VGA, 5.7" diagonal, 320 x 240 pixel, touchscreen
<b>Heated lid</b>	Automatic, up to 105 °C
<b>Dimension</b>	Length: 37 cm; width: 20 cm; height: 16 cm
<b>Weight</b>	7.8 kg
<b>Keyboard</b>	Softkeys on the touch screen depending on the context
<b>Interfaces</b>	RS232

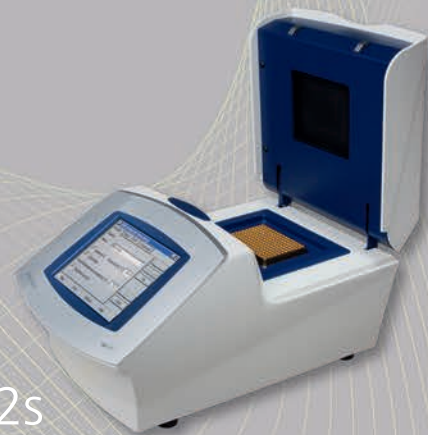
<b>Languages</b>	English, German, Spanish
<b>Programs</b>	680 standard programs, or at least 3000 steps, the last 16 program runs can be displayed any time, re-start function, programmed and manual pause
<b>Password protection</b>	Configurable up to 64 users
<b>Copy function</b>	Intersystem-copy-function with Labcyler 48, Labcyler Basic, and Labcyler Gradient
<b>Gradient</b>	Gradient capable, 20 °C, $\pm 10$ °C
<b>Temperature</b>	Minus 5.0 °C to 99.9 °C
<b>Homogeneity</b>	$\pm 0.25$ °C @ 55 °C, $\pm 0.4$ °C @ 95 °C
<b>De(In)crements</b>	Time: $\pm 99.99$ s, temperature: $\pm 9.99$ °C
<b>Instant incubation</b>	Yes

## Similar Products

Labcyler 48s



Labcyler 192s



Your local distributor

Ihr Fachhändler:  
[www.axon-labortechnik.de](http://www.axon-labortechnik.de)



Axon Labor Technik GmbH  
Lauerhöfer Str. 9a - D-67697 Otterberg  
Tel. 06301/794 830  
[info@axon-labortechnik.de](mailto:info@axon-labortechnik.de)

**SENSOQUEST**  
Biomedical Electronics

**SensoQuest GmbH · [www.sensoquest.com](http://www.sensoquest.com)**

Hannah-Vogt-Straße 1 · D-37085 Göttingen · Germany

Tel. Sales +49 176 66646603 · Fax: +49 551 389195-24

Tel. Service: +49 551 389195-23 · E-Mail: [info@sensoquest.de](mailto:info@sensoquest.de)