

Hightech **Thermocycler**

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 ± 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

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

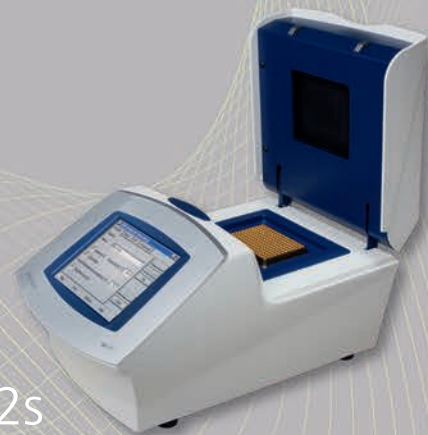
Languages	English, German, Spanish
Programs	680 standard programs, or at least 3000 steps, the last 16 program runs can be displayed any time, re-start function, programmed and manual pause
Password protection	Configurable up to 64 users
Copy function	Intersystem-copy-function with Labcyler 48, Labcyler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

Similar Products

Labcyler 48s



Labcyler 192s



Your local distributor

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