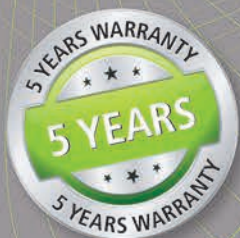
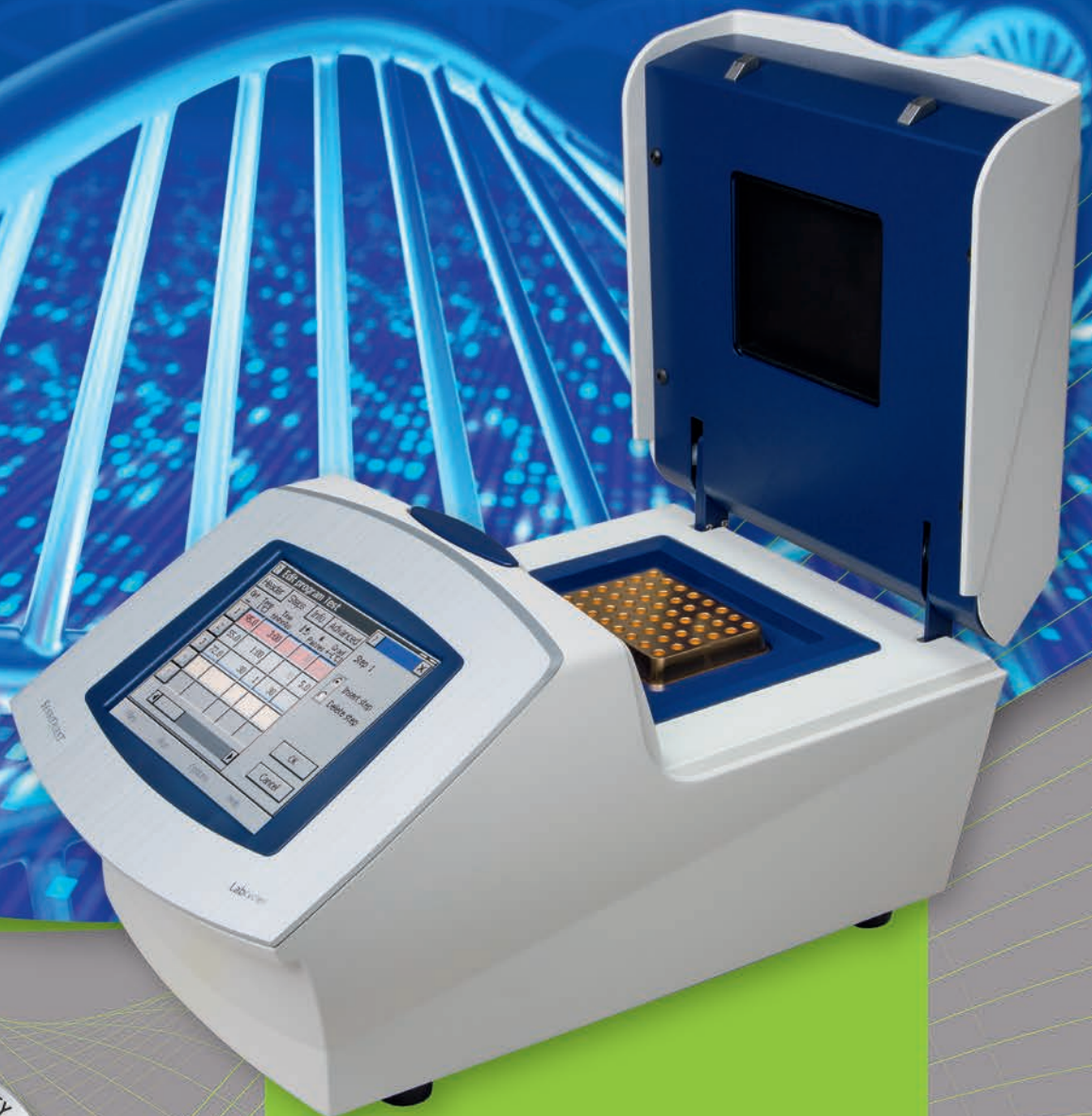


SENSOQUEST

Biomedical Electronics

Hightech **Thermocycler**

www.sensoquest.com



Labcycler 48s

Small Size – Maximum Performance

Labcycler 48s

TECHNICAL DATA LABCYCLER 48s

Labcycler 48s has a gold coated silver block with 48 wells for 0.2 ml tubes in an array of 6 x 8. The thermal conductivity of silver with 429 W/mK resulted in a better block uniformity in contrast to aluminium (237 W/mK). Working with single tubes and stripes is possible. The gold coated silver block resulted in high cooling and heating rates: **5.0 C°/s during real operations**. A coloured touchscreen and a well-known graphical user interface resulted in an easy to use handling. 680 programs can be stored in directories that can be optionally protected by passwords. The Labcycler 48s has programmable temperature and time in(de)crements, ramp rates and of course a gradient. A cheaper version without gradient function is available.



SensoQuest offers two versions:

Labcycler 48s without Gradient and Labcycler 48s Gradient.
Gradient: Up to $\pm 10\text{ }^{\circ}\text{C}$ from the centre of the block, this means $20\text{ }^{\circ}\text{C}$ from left to right.

Product	Line voltage	Order number
Labcycler 48s	200 – 265 V	013-103
Labcycler 48s Gradient	200 – 265 V	013-104
Labcycler 48s	100 – 130 V	013-107
Labcycler 48s Gradient	100 – 130 V	013-108

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 1/4 VGA, 5.7" diagonal, 320 x 240 pixel, touchscreen
Heated lid	Automatic, up to $105\text{ }^{\circ}\text{C}$
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

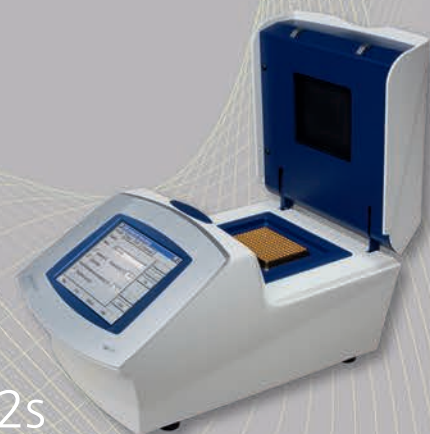
Languages	English, German, Spanish
Programs	680 standard programs, or at least 3000 steps, the last 16 program runs can be displayed any time, re-start function, programmed and manual pause
Password protection	Configurable up to 64 users
Copy function	Intersystem-copy-function with Labcycler 48, Labcycler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

Similar Products

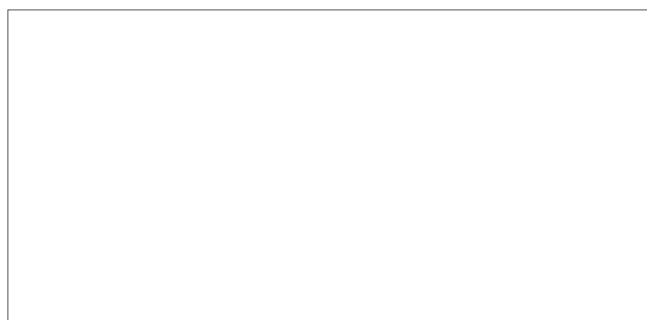
Labcycler 48



Labcycler 192s



Your local distributor



SENSOQUEST
Biomedical Electronics

SensoQuest GmbH · 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