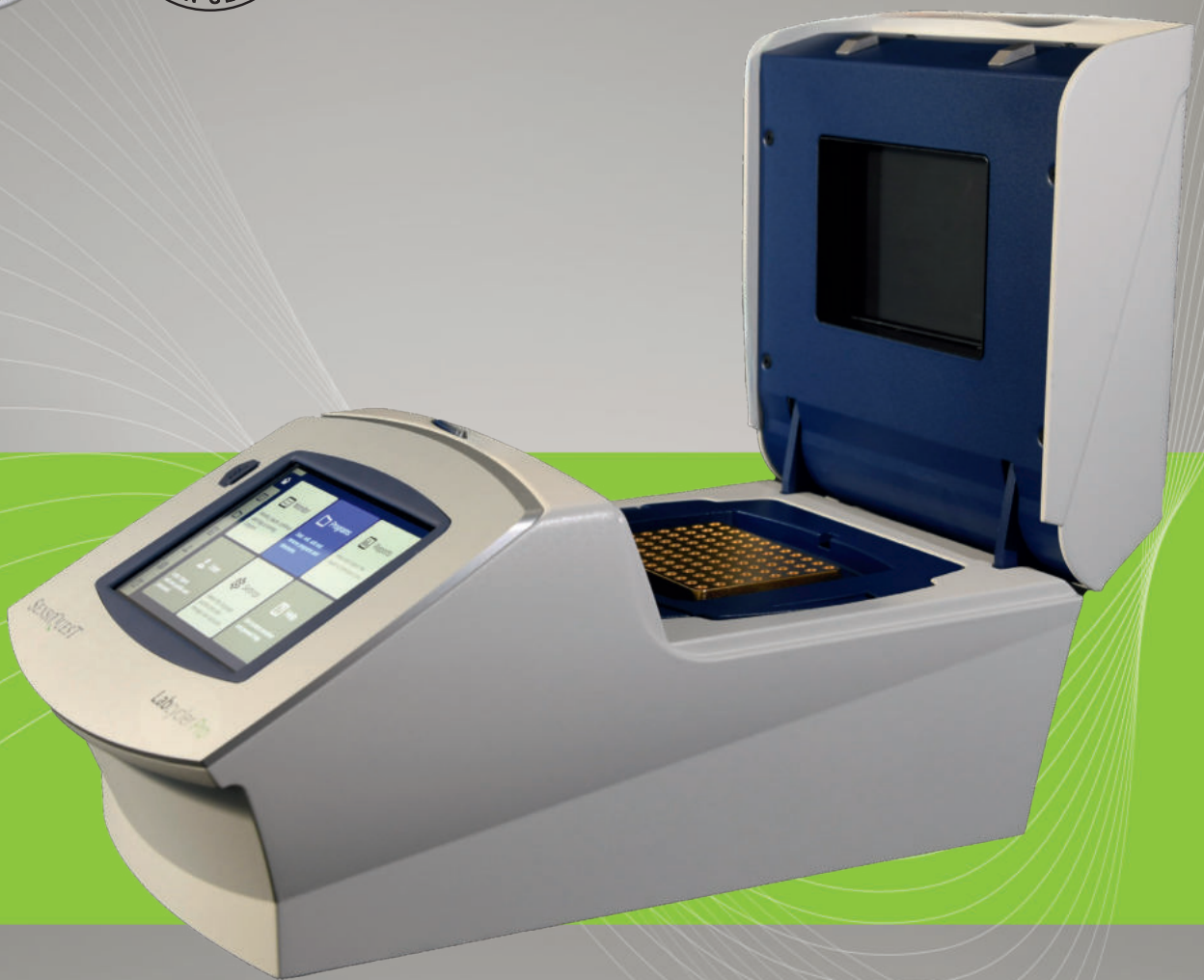


Labcycler Pro Gradient

Advanced Thermocycler with Cutting-Edge Interface
and Gradient Functionality



Hightech **Thermocycler**
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SENSOQUEST
Biomedical Electronics

Labcycler Pro Gradient

CYCLER-TECHNOLOGY FOR LIFE

Technical Data

The Labcycler Pro Gradient (015-101) is a new developed high-quality thermocycler equipped with a complete renewed user interface. The large 7-inch multi-touch screen with its 1280 x 800 pixels has extreme high-resolution and supports the user optimal with its excellent font and detailed graphics. PCR-programs can be inserted by preprogrammed graphic or by adding values in a table. The 1GB is nearly unlimited and saves the directory, the programs, all protocols, and runs.

The history of a program is saved so that the user can undo changes many times. In addition, the reports include the complete temperature curve of the program sequence is stored. USB high-speed is supported for data backup or program transfer. This allows to import and export programs and reports, or to start programs directly from the USB stick. The Labcycler Pro has a GBit Ethernet interface and Wi-Fi. Programs can be transferred between Labcycler Pro, Labcycler and Labcycler 48.

Optionally, the devices can be controlled and monitored from a PC as well as from mobile devices via the Internet. Of course, our app notifies the user on the go when a program has been completed and the samples are ready to be taken. They can optionally use a central location in the cloud for their programs and protocols. The Labcycler Pro is equipped with a block changing system. With just one handle, the user can select a Thermoblock 48, 96, 384, or Triple and in situ.

| | |
|----------------------------|---|
| Line voltage | 90 V to 265 V, 50 to 60 Hz |
| Power consumption | Maximum 350 W, standby 25 W |
| Noise | Idle 38 dBA, typical 44 dBA, maximum 48 dBA |
| Display | 7" diagonale, 1280 x 800 pixel, 16.7 M colors, IPS-technology, capacitive multi-touch |
| Heated Lid | Programable: Pressure 0 to 120 N, temperature RT up to 110 °C |
| Dimension | Length: 44 cm; width: 25 cm; height: 20 cm |
| Weight | 11.8 kg |
| Keyboard | Virtual keys |
| Languages | English, German, Spanish |
| Memory space | 1GB, more than 10.000 programs |
| Password protection | Configurable up to 64 users |
| Administration | Administrator rights: Reading & writing |

| | |
|---------------------------|---|
| Copy function | With Labcycler Basic & Gradient as well as Labcycler Pro Basic & Gradient |
| USB | 2.0 |
| Ethernet | 100 MB |
| Programs | With History |
| Programable | Graphical or tabular form |
| Gradient | 40 °C, ± 20 °C from left to right |
| Temperature | Minus 5.0 °C to 99.9 °C |
| Ramp rate | 0.001 °C/s – 4.2 °C/s |
| 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, e.g. at 0.0 °C, 26 °C, 37 °C, and so on |

Ordering Information

The Labcycler Pro Gradient can be ordered with one or more different Thermoblocks. Additionally, a second or more Thermoblocks can be ordered because the system has a quick-block-changing system. A Thermoblock can be changed in a few seconds. The Labcycler Pro Gradient works at all global line voltages (90-265 V).

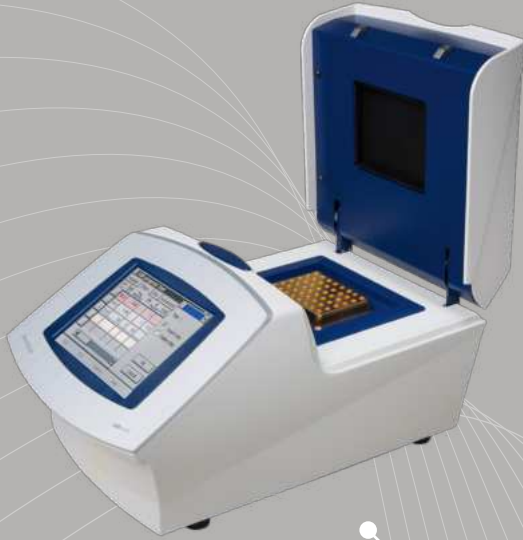
| Product | Order Number |
|------------------------|--------------|
| Labcycler Pro Gradient | 015-101 |



| Product | Order Number |
|-------------------------|--------------|
| Thermoblock 48, silver | 012-102 |
| Thermoblock 96, silver | 012-103 |
| Thermoblock 384, silver | 012-101 |
| Triple Block | 012-104 |
| Passive Lids | 012-201 |
| In situ Block | 012-107 |
| Thermoblock 96 alu 100 | 012-108 |



SIMILAR PRODUCTS



Labcyler 48s



Labcyler Gradient

GLOBAL DISTRIBUTOR NETWORK



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Your local distributor

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