

SENSQUEST
Labcycler Gradient



Labcycler Gradient

The Labcycler Gradient (011-101) has the same technical features as its brother Labcycler Basic. In addition, the Gradient function is active which can be applied by Thermoblock 48 (012-102), Thermoblock 96 (012-103), Thermoblock 96 alu (012-108), and Thermoblock 384. Temperature gradients from 8 to 24 zones are possible to determine the optimal annealing temperature. The Thermoblock 96 and 384 can be applied for high through put. The Triple Block can be used in the Labcycler Gradient without gradient function. The package Labcycler Gradient with Thermoblock 96 and Triple Block should be an interesting tool for all standard laboratories.

Product		Order Number
Labcycler Gradient		011-101
	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

Technical Data

Line voltage	85 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	TFT illuminated colour display ¼ VGA, 5.7" diagonal, 320 x 240 pixel, touchscreen
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	Numeric and virtual keys
Languages	English, German, Spanish & Chinese
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
Administration	Administrator rights: Reading & writing
Copy function	Intersystem-copy-function with Labcycler 48 & 192s, Labcycler Basic, and Labcycler Gradient
Gradient	40 °C, ± 20 °C from left to right
Temperature	Minus 5.0 °C to 99.9 °C
Ramp rate	0.001 °C – 5.0 °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, e.g. at 0.0 °C, 26 °C, 37°C, and so on