

FlexCycler

The FlexCycler is designed to meet the different requirements of PCR applications. Due to seven different interchangeable blocks, the instrument can be very flexible adapted to a lot of experimental protocols. The FlexCycler recognizes the used block automatically without any manual settings. It combines state-of-the-art ramping rates and temperature accuracy. Its extra large 5.7" LCD display and user-friendly operation interface makes operations easy to understand.

Basis unit

Heating rate	4°C/s max. (0.1°C/sec – 1.9°C/sec; or max.)
Cooling rate	3°C/s max. (0.1°C/sec – 1.9°C/sec; or max.)
Temperature control mode	Block control; tube control
Sample block temperature range	4°C – 99°C
Control accuracy	≤ ± 0.3°C @ 72°C
Block homogeneity	≤ ± 0.5°C @ 72°C
Lid	Heated lid up to 110°C, adjustable contact pressure
Display	Graphical 5.7" LCD display, monochrome
Number of programs	99 on device
Printer connection	1x RS 232
Thermal source (heating/ cooling)	Peltier elements
Dimensions (W x H x D)	300 x 280 x 380 mm
Weight	10 kg
Power supply	AC 220 V / 110 V, 50 Hz
Power consumption	800 W (max)
Fuses	250 V, 5 A

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Available FlexCycler

Basis unit	Specifications	Order number	Note
FlexCycler	220 V Instrument system stand alone without thermal block	844-00020-2	Thermal block needs to be ordered separately
FlexCycler	110 V Instrument system stand alone without thermal block	844-00021-2	Thermal block needs to be ordered separately

Available thermal blocks

Block model	Sample capacity	Heated lid	Order number
Monoblock 60	60 x 0.5 ml	yes	844-60020-0
Monoblock 96	96 x 0.2 ml	yes	844-60021-0
Monoblock 384	384 well plate	yes	844-60023-0
Twinblock 30	30 x 0.5 ml and 30 x 0.5 ml	yes	844-60024-0
Twinblock 48	48 x 0.2 ml and 48 x 0.2 ml	yes	844-60025-0
Twinblock Mix	30 x 0.5 ml and 48 x 0.2 ml	yes	844-60026-0
Insitublock	4 pieces of in situ plates	no	844-60027-0

Guarantee

Basic unit 2 years warranty

Thermal blocks 2 years warranty



Subject to changes in design and scope of delivery as well as further technical development!