analytikjena

FlexCycler | Flexible PCR thermal cycler

- Versatile due to 8 different interchangeable thermal blocks
- Automatic block detection
- Easy and intuitive operation

Life Science unlimited

FlexCycler | Flexible PCR thermal cycler

The flexibility is the unique selling proposition of this thermal cycler. With its eight different blocks it is configurable for the respective demand of PCR applications without any tools in a matter of seconds. Thereby the FlexCycler automatically detects the installed thermal block without any extra manual setting. All block lids are variable in the contact pressure and possess an adjustable heating. The aluminum alloy of the blocks contributes to an optimized energy transfer. Beside this characteristics the Twinblocks allow the independent control of both block sides. The device implements state-of-the-art ramping rates and temperature accuracy. Its extra large LCD display and user-friendly interface make operations easy to understand.

Features

- State-of-the-art heating/cooling rates and temperature accuracy
- Extra large LCD display for easiest programming
- Adjustable hot lid pressure
- Wide choice of thermal blocks
- Twinblocks are controlled independently
- Aluminum alloy for high energy efficiency
- Block control or simulated tube control selectable

Monoblock 60
For 60 × 0.5 ml standard tubes

Monoblock 96
For 96 × 0.2 ml standard tubes,
strips or PCR plates

Monoblock 96G
For 96 × 0.2 ml standard tubes, strips or PCR plates,
With gradient function: maximum gradient 30 °C,
minimum gradient 1 °C, heated lid: Yes

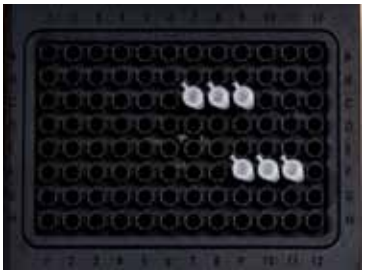
Monoblock 384
For 384 well PCR plates

Twinblock 30
Integrates two separate blocks and lids,
Independent control of the blocks,
For two times 30 × 0.5 ml standard tubes

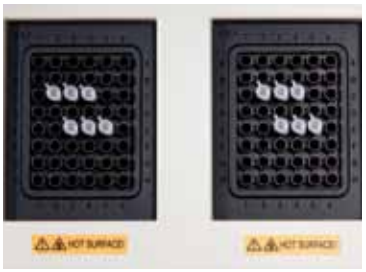
Twinblock 48
Integrates two separate blocks and lids,
Independent control of the blocks,
For two times 48 × 0.2 ml standard tubes and strips

Twinblock Mix
Combination of Twinblock 30 and 48,
For 30 × 0.5 ml and 48 × 0.2 ml standard tubes and strips,
Independent control of the blocks

Insitublock
For in situ PCR,
For up to four in situ plates



Monoblock 96



Twinblock 48

Technical data

Basic unit	
Thermal block	Aluminum alloy
Sample capacity	▪ 60 × 0.5 mL ▪ 96 × 0.2 mL ▪ 384 well microplate ▪ 30 × 0.5 mL and 30 × 0.5 mL ▪ 48 × 0.2 mL and 48 × 0.2 mL ▪ 30 × 0.5 mL and 48 × 0.2 mL ▪ 4 pcs of in situ plates
Heating rate	Up to 4 °C/sec max.
Cooling rate	Up to 3 °C/sec max.
Temperature control mode	▪ Block Control ▪ (Simulated) Tube Control
Sample block temperature range	4 °C – 99 °C
Control accuracy	< ± 0.3 °C at 72 °C
Block homogeneity	< ± 0.5 °C at 72 °C
Lid	▪ Lid may be heated up to 110 °C ▪ Adjustable contact pressure
Display	5.7" graphic LCD display, monochrome
No. of programs	99 on device

Other technical data	
Dimensions (W × H × D)	300 × 280 × 380 mm
Weight	10 kg
Power supply	AC 220 V/110 V, 50 Hz
Power consumption	800 W

Warranty	
Basic unit	2 years
Thermal blocks	2 years

Remarks

Licensed and authorized thermal cycler

Your contact

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