

High quality devices

A-007 Spectral Photometer

For quantification of:

- ssDNA,
- dsDNA
- RNA
- Protein

SpeedScan

Fluorimeter for

- Fast PCR fluorescence detection
- Diagnostic applications (Yes/No statements)
- SNP Detection
- Cost-effective alternative to expensive real-time systems.

Gene Machine 4CL

For Endpoint PCR fluorescence detection, ready-to-use system for PCR-Diagnostic. „Gene-Machine“ is the easiest and most completes fluorimeter on the market which can measure the fluorescence directly in regular PCR tubes (0,6ml and 0,2 ml Tubes). Ready-to-use for PCR-Diagnostic.

DNA/RNA Synthesizer

Ideal for the laboratory usage, DNA Synthesizers from Bioron are fully automated instruments for the synthesis of natural and modified oligonucleotides.



FEEL THE DIFFERENCE

Product Information: PCR Cycler

Your Distributor:

BIORON and your distributor



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Bioron.de

Thermocycler „Prime-line“

Prime 25

For small sample throughput



Small footprint and quality manufacturing for reliable performance on your bench space

Powerful Peltier element with Long Life Technology for enhanced stability, outperforming standard Peltier elements

Low-noise and high durability cooling fans working from front to back to maximize workspace

Universal heating block accommodating both 0.2 ml and 0.5 ml tubes

Auto-restart after power failure, optionally starting with a denaturation Step

Technical Data:

Temperature range of block	4.0°C to + 105.0°C
Control accuracy of block	+/- 0.1°C
Block Uniformity (at 72°C)	+/- 0.7°C
Cooling rate of block	2°C/sec
Heating rate of block	2°C/sec
Temp. range of heated lid	70°C to 99°C
Block:Capacity with flat caps	25 x 0.2 ml tubes or 13 x 0.5 ml tubes
Heated lid tube heights	Automatic height adjustment for various
Memory Steps/Program	90 Programs with a maximum of 99
Power consumption	120 VA
Power supply	230 V/115 V AC, 50/60 Hz

Bioron code#:

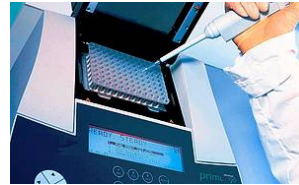
- 910001 Prime 25 Personal cyclers
- 910003 Software Prime 25 "OC-Manager" for remote control via PC

High Quality Cycler

Prime 96

New innovative technology

Speed: optimized Peltier elements, heat sinks and novel software for the shortest run times



Precision: PT 1000 thermal probes for maximum accuracy and reproducible results

Reliability: developed specifically for the Prime 96 range, Peltier elements with Long-Life and High-Temperature-Range (HTR) technology for the longest operating life

Quality: extensive quality controls in the production of the Prime 96 Thermocycler and accurate calibration to NIST standard

Production: certified according to ISO 9001 and ISO 13485 quality regulations

Technical Data:

Temperature-range of block	4.0°C to + 105.0°C
Control accuracy of block	+/- 0.1°C
Block uniformity (at 72°C)	+/- 0.35°C
Cooling rate of block	2°C/s
Heating rate of block	4°C/s
Temp. range of heated lid	70°C to 99°C
Minimal steps heated lid	1°C
Capacity of 96 well block	96 x 0.2 ml tubes 96 well-plates 48 x 0.5 ml tubes with flat caps only
Additional available blocks:	Block for 384 well plates
Power consumption	500 VA
Power supply	230V / 115V AC, 50 / 60 Hz

Bioron code#:

- 910010 Prime 96 with universal Block
- 910011 Prime 96 advanced S-Ram-card
- 910014 Gradient upgrade for Prime 96

High Performance for small price

Prime 96 Gradient Thermocycler

For easy and fast PCR optimization

HTR Peltier elements and an ingenious arrangement of the thermal probes generates a temperature curve which genuinely deserves the name "gradient" – an almost linear rise in temperature over the entire thermoblock.

Technical Data:

Temperature-range of block	4.0°C to + 105.0°C
Control accuracy of block	+/- 0.1°C
Block uniformity (at 72°C)	+/- 0.35°C
Cooling rate of block	2°C/s
Heating rate of block	4°C/s
Temp. range of heated lid	70°C to 99°C
Minimal steps heated lid	1°C
Maximum gradient	+/-19.9°C (= 39.8°C)
Temp. range of gradient	35°C to 105°C
Control accuracy of gradient	+/- 0.1°C
Capacity of 96 well block	96 x 0.2 ml tubes, 96 well-plates 48 x 0.5 ml tubes with flat caps only
Additional available blocks:	Block for 384 well plates
Power consumption	500 VA
Power supply	230V / 115V AC, 50 / 60 Hz

Bioron code#:

- 910020 Prime 96 Gradient with universal block
- 910021 Prime 96 Gradient S-Ram-card
- 910023 Software PC-Manager for Prime 96 Gradient

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