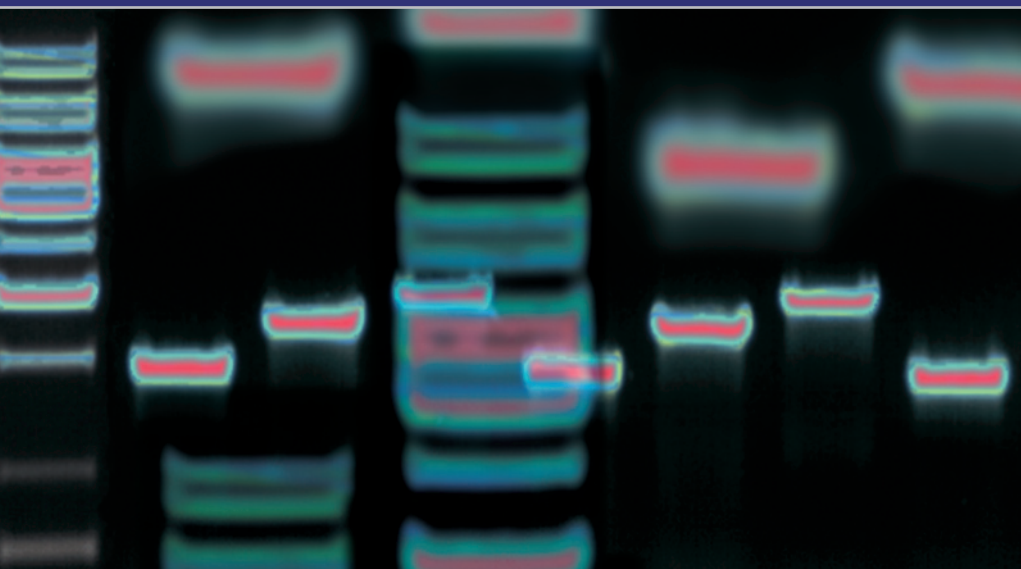


Primus 25 advanced® Thermocycler

Big on performance, small on size, the keenly priced Primus 25 advanced® is a fully validated, highly versatile and dependable system – the perfect personal cyclers for now and for the future.



Space-saving and dependable performance

- 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

Versatility

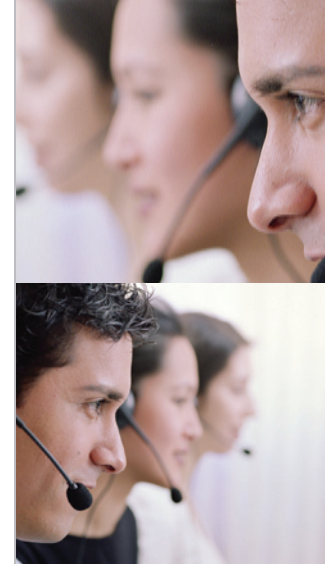
- Universal heating block accommodating both 0.2 ml and 0.5 ml tubes
- Software for the most sophisticated PCR protocols including adjustable ramping, increment and decrement of time and temperature, store function and pause commands
- Incubation mode enables dual use as a digital dry bath
- Auto-restart after power failure, optionally starting with a denaturation step

Consistent quality

- Manufacture in Germany under ISO 9001 and ISO 13485 quality certification
- Accurate calibration to NIST standard, regularly monitored by the German Calibration Service (DKD)
- Manufacturing process uses latest technologies including '3D Post-Reflow Automatic Optical Inspection' of printed circuit boards

Our Service Pledge

- Personal and professional support through our application hotline and local field representatives
- Product demonstrations, installation and on-the-spot instruction
- Rapid delivery times



Technical Specifications

Peltier element:	with Long Life and High Temperature Range Technology
Thermal probe:	PT 1000
Temperature range:	4 to 105 °C
Regulating accuracy:	+/- 0.1 °C
Block uniformity (at 72 °C):	+/- 0.7 °C
Heating and cooling rate:	2 °C/s
Max. number of programs:	90 (with up to 99 steps/program) optional: any number of programs via PC software
Adjustable ramping:	0.1 to 2.0 °C/s
Increment/decrement time:	0:01 to 9:59 minutes
Increment/decrement temp.:	0.1 to 9.9 °C
Block capacity:	universal block for 25 x 0.2 ml tubes or 13 x 0.5 ml tubes with flat caps
Heatable lid:	70 to 99 °C, with automatic height adjustment
Interfaces:	Centronics, RS232
Dimensions (W x H x D):	225 x 250 x 280 mm
Weight (incl. block):	6.3 kg
Power supply/consumption:	220 - 240 V AC, 50 - 60 Hz, 120 VA

Ordering Information

Item	Description	Product Code
Primus 25 advanced®	Personal cycler with universal block for 25 x 0.2 ml tubes or 13 x 0.5 ml tubes with flat caps	95-4002

Some applications for which this products can be used are protected in certain countries by patent law. Because your purchase does not include the acquisition of licenses for use within the scope of applications protected by patent law, the acquisition of relevant licenses may be necessary depending on the application and on the country of application.

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