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Innovation and Reliability



Molecular biological practice and years of experience in the manufacture of thermocyclers have gone into the logical further development of the Primus advanced[®] PCR systems. The result: innovative technology combined with maximum reliability.

- **Speed:** optimized adjustment of the Peltier elements, heat sinks and software for the shortest run times
- **Precision:** maximum regulating accuracy with PT 1000 thermal probes for steadily reproducible results
- **Reliability:** Peltier elements specially developed for Primus advanced[®] with Long-Life- and High-Temperature-Range (HTR) technology for the longest operating times
- **Quality:** extensive quality controls in the production of the Primus advanced[®] thermocyclers and absolutely accurate calibration to NIST standard
- **Production:** certified according to ISO 9001 and ISO 13485

primus 25^{advanced}



The Primus 25 advanced[®] is designed for small to medium numbers of samples. It is distinguished by short run times, excellent results and very simple operation – and all this with minimal space requirements.



Technical Data

- Peltier element with HTR technology and PT 1000 thermal probe
- 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
- Incremental/decremental time: 0:01 to 9:59 minutes
- Incremental/decremental temperature: 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 lid
- Heatable lid with automatic height adaptation
- Temperature range, lid heating: 70 to 120 °C
- Interfaces: Centronics, RS232
- GLP reports for continuous recording of all runs
- Dimensions (W x D x H): 225 x 280 x 245 mm
- Weight (with block): 6.3 kg

