

Your solution for accurate real-time PCR applications



FluoroCycler® 96 is an optical real-time PCR instrument characterized by reliable and easy to use processing of your routine applications. Analysis of the **FluoroType®** tests is performed by the **FluoroSoftware IVD** and the result interpretation will be summarized at the **FluoroCycler® 96 Report**. The connection to LIMS offers reliable data management.

Your benefits with the FluoroCycler® 96

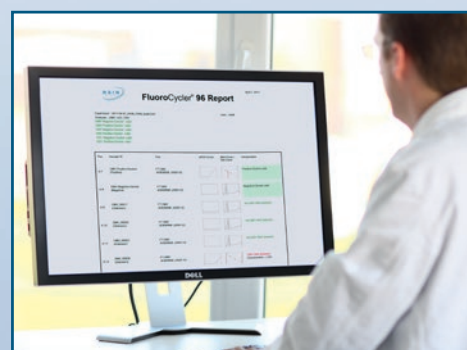
- Secure processing of up to 96 samples
- High sensitivity and specificity
- Ease to use due to intuitive software
- Reliable results at a glance
- Secure data management using LIMS connection
- CE-marked

Facts

The **FluoroCycler® 96** combines nucleic acid amplification and detection in one instrument with minimal risk of contamination. Reliable and easy to use processing of the **FluoroType®** tests is guaranteed. The **FluoroCycler® 96** can simultaneously process up to 96 samples and was validated using the FrameStar® 96well PCR Plate Roche Style and the semi-automatic 4s3™ heat sealer.

Specifications

Number of samples	up to 96
Capacity	FrameStar® 96well PCR Plate Roche Style
Sample volume	15 – 50 µl
Power supply	100 – 240 VAC ±10%, 50/60 Hz
Power	625W (max.)
System connectivity	USB port at rear
Lid	Adjusts automatically to reaction PCR plates
Lid temperature	112 °C
Thermal block material	Aluminium (nickel-plated)
Temperature range	4 – 99.9 °C in steps of 0.1 °C
Sample temperature accuracy	±0.8 °C (20 – 99 °C), ±1 °C (4 – 20 °C)
Sample temperature homogeneity	±0.5 °C
Heating rate	up to 3 °C/s
Cooling rate	up to 2 °C/s
Peltier elements	8
Excitation	High intensity LEDs
Detection	Scientific CCD Camera
Filters	5
Software	FluoroSoftware IVD
Data management	LIMS connection
Size	40 × 45 × 46 cm (W × H × D)
Weight	30 kg approx.
Further accessories	Computer incl. FluoroSoftware IVD Heat sealer Sealing foil Barcode scanner



For further information please contact Hain Lifescience or your local distributor!

*FrameStar® and FrameStrip® are registered trademarks of 4titude® Limited
FrameStar® PCR plates are covered by one or more of the following U.S. patents or their foreign counterparts,
owned by Eppendorf AG: US PatentNos. 7,347,977 and 6,340,589*

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