

## Your solution for flexible diagnostics



**FluoroCycler® 12** is an optical thermal cycler that was specifically developed for processing of the **FluoroType®** test systems. It performs both nucleic acid amplification and detection and uses specific software for automatic and convenient result interpretation. The **FluoroCycler® 12** has a capacity for up to 12 samples.

### Your benefits

- High flexibility
- User-friendly software
- Broad selection of assays
- Secure data management
- CE-marked

# FluoroCycler® 12 – PCR cycler for up to 12 samples

## At a glance

- Amplification and detection of 1–12 samples
- User-friendly software
- Simultaneous connection of multiple units
- LIMS connection

## Specifications

- Sample volume: 15–100 µl
- Lid: 112 °C, adjusts automatically to reaction tubes
- Peltier elements: 4
- Connectivity: USB port
- Thermal block material: silver (gold plated)
- Temperature range: 4–99.9 °C
- Temperature accuracy: ± 0.4 °C
- Temperature homogeneity: ± 0.5 °C
- Heating/cooling rate: up to 3 °C/s
- Excitation: filter (470 nm), high intensity LEDs
- Emission: filter (520 nm), photodiodes
- Size: approx. 18.5 × 24 × 24 cm (W × H × D)
- Weight: approx. 5 kg
- Power supply: 100–240 V, 50/60 Hz

## Your benefits with the FluoroCycler® 12

- Utmost flexibility
- Modular system with up to 8 units controlled by one computer
- Result interpretation at a glance
- Easy operation due to intuitive software
- Cost-efficiency due to low acquisition costs



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

## Hain Lifescience GmbH

Hardwiesenstrasse 1 | 72147 Nehren | Germany  
Tel.: +49 (0) 74 73- 94 51- 0 | Fax: +49 (0) 74 73- 94 51- 31  
E-Mail: [info@hain-lifescience.de](mailto:info@hain-lifescience.de) | [www.hain-lifescience.de](http://www.hain-lifescience.de)

