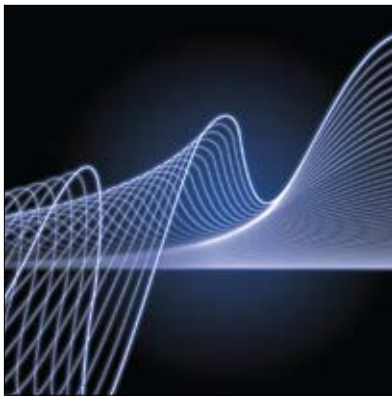

Small Size, **Big Performance**

The MiniOpticon system is the smallest real-time PCR detection system available, providing the individual researcher access to sophisticated real-time PCR techniques. When controlled by CFX Manager™ software, this compact, yet powerful package makes it easy for you to:

- Save research time by optimizing experiments using the thermal gradient
- Amplify up to 2 targets per well using a range of fluorophores
- Review data with built-in analysis modules, including normalized gene expression analysis using multiple reference genes and target-specific reaction efficiencies
- Analyze data where and when you want by receiving email notification with an attached data file when a run is complete

For more information, visit us on the Web at **www.bio-rad.com/genomics/**.

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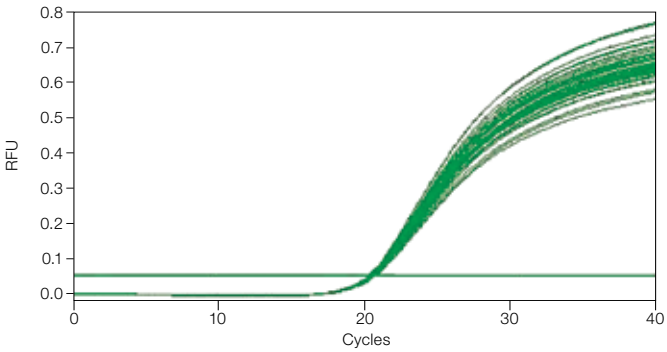
Precise Thermal Control

The MiniOpticon offers excellent thermal performance for fast, reproducible runs. A high degree of uniformity, made possible by combining an innovative optical system with the high performance of the MJ Mini™ thermal cycler, ensures reliable and reproducible results from sample to sample and experiment to experiment.



Uniform results. Analysis of 48 replicate 25 µL PCR samples with a C_T ±0.13 SD. RFU, relative fluorescence units.

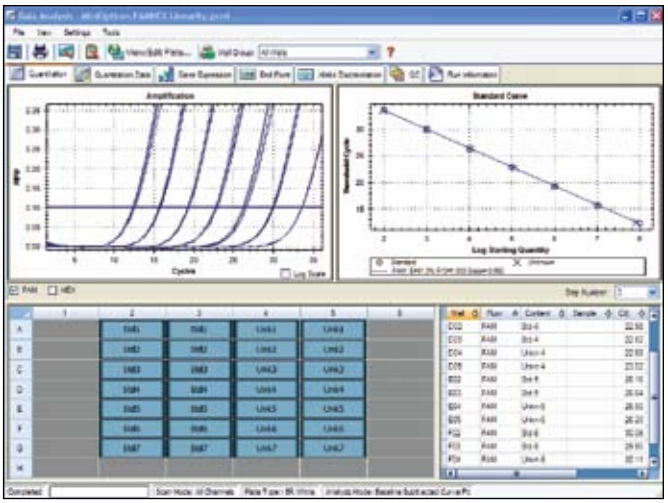
The gradient feature allows you to simultaneously incubate samples at up to eight temperatures for any incubation step in your PCR protocol.

- Gradient operational range: 35–99°C
- Gradient programmable span: 1–16°C
- Gradient accuracy: ±0.4°C of programmed target at end rows within 10 sec (NIST-traceable)

CFX Manager Software

CFX Manager software version 1.5 collects, analyzes, and exports data from the MiniOpticon system. With CFX Manager software you can:

- Get to results faster using the startup wizard and intuitive experiment setup
- Perform normalized gene expression using multiple reference genes and target-specific reaction efficiencies, melt-curve analysis, end-point analysis, and allelic discrimination
- Use the Well Groups feature to analyze multiple experiments from a single plate, each with its own analysis settings
- Customize the settings to suit your needs with user preferences, including unique log-in names, gene and sample name libraries, and data analysis options
- Use the QC tools to validate the quality of your data



CFX Manager software data analysis module.

Ordering Information

Catalog #	Description
CFB-3120	**MiniOpticon Real-Time PCR System**, includes optical housing, MJ Mini thermal cycler, analysis software
MLL-4851	**Multiplate™ Low-Profile 48-Well Unskirted PCR Plates**, white, 50
TCS-0803	**Optical Flat 8-Cap Strips**, for 0.2 ml tubes and plates, ultraclear, 120
TLS-0851	**Low-Profile 0.2 ml 8-Tube Strips Without Caps**, white, 120 strips (960 tubes)
184-5003	**CFX Manager Software, MiniOpticon**, includes CFX Manager software version 1.5, installation CD, quick guides, instruction manual for MiniOpticon

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