

Simple Software Brings Effective Results

MiBio Fluo

MiBio Fluo is image capturing software exclusively designed by Microtek for Microtek DNA gel scanners. With an intuitive and easy-to-use UI, users can be skillful with use of software in short time without taking any special training.



► MiBio Fluo Graphic User Interface



Bio-1000F

The best gel imager for non-toxic DNA stains !!

Specifications

- Gel Area : 7"(W) x 5"(H)
- Resolution : 600dpi
- Scanning Mode : 8-bit / 16-bit grayscale
- Ex / Em Wavelength : 460~490nm / 520nm~
- Sensitivity : 0.008 ng / μ l
- Interface : USB2.0
- Dimensions : 12"(W) x 12"(D) x 5"(H)
- Power Supply : AC 100~240V · 50~60Hz
- Operating Temperature : 5~40°C
- Related Humidity : 20%~85%

System Requirements

- Pentium IV PC with Hi-Speed USB (USB 2.0) port
- CD / DVD-ROM Drive
- 300 MB HDD or above
- 512 MB RAM or above
- Microsoft Windows 7, 8 and 10

Accessories

- MiBio Fluo
- Filter Plate



★ New Product on Science
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For more details on product, please contact your local Microtek sales or dealers.

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- Fluorescence sensitivity up to **0.008** ng / μ l and applicable to global EtBr-alternative stain brands, such as SYBR[®] Safe and GelRed[™].
- Meets demands for trans-illuminating, imaging and gel extraction
- Convenient open-space for gel extraction
- Compact design to fit in crowded laboratory space
- Exclusive EtBr-alternative stains for safety, ecology and environment

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Specifications, software bundles and accessories are subject to change without notice. Delivery of technical support services is subject to change without notice. Not responsible for typographical errors.

Patented Design with Advanced Image-Capture Skills

With a patented optical design, sensitive CCD and flexible software, Bio-1000F is capable to capture faint fluorescence, which demonstrates more sensitive and better performance than UV and other blue-LED based gel imaging systems. Tested and proved by labs, the fluorescence sensitivity of Bio-1000F is up to 0.008 ng/μl.

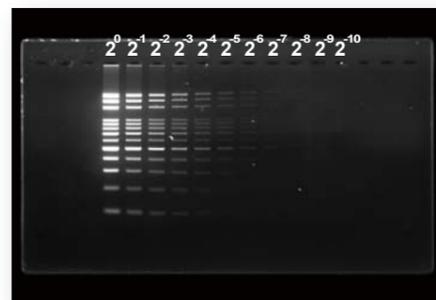


Bio-1000F Gel image

VS

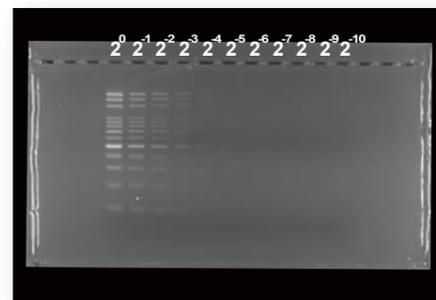


EtBr Gel image



Bio-1000F Gel image

VS



Gel imager with blue LED

Applicable to All EtBr-alternative Stains and Enhances Fluorescence Effects

Bio-1000F goes perfectly with global EtBr-alternative stain brands, such as SYBR[®] Safe, GelRed[™], GelGreen[™], EZ-VISION[®] Blue light, Diamond[™], GreenView[™] and SafeView[™].



▲ DNA Gel Image of SYBR[®] Safe



▲ DNA Gel Image of GelRed[™]

Coherent Working Process Accomplishes High Efficiency

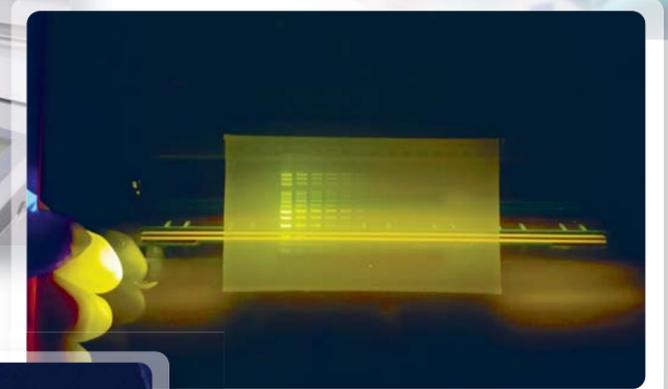
Bio-1000F provides trans-illumination, imaging and gel extraction at one independent platform. Researchers and laboratory staffs can carry out gel-electrophoresis preview, image recording, or gel extraction without transition between trans-illuminator and gel-document system.

Clear Banding Patterns and Convenient Gel-Extraction

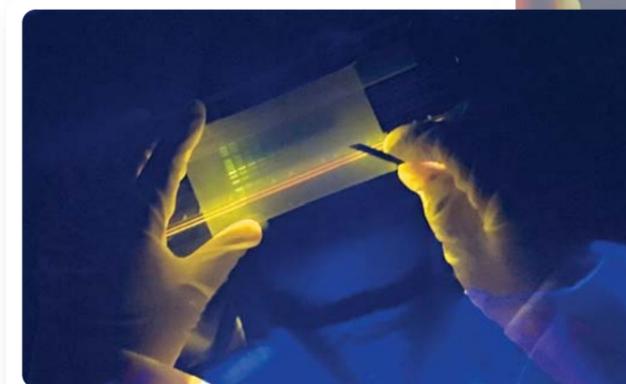
The integrated filter plate and LED bar provides more convenience and stronger fluorescent signal.



▲ Bio-1000F with filter plate



▲ Gel image under Blue-LED trans-illuminator



▲ Gel-excision step (Top view)



▲ Economically spatial use of working-bench

Comprehensive Protection Ensures Safety

Equipped with blue-LED and filter plate, Bio-1000F provides multi-level protections from direct damages to eyes and skins. Concerning on the highly potential mutagenic combination of UV and EtBr, Bio-1000F especially pairing with EtBr-alternative stains is safer and friendlier to both researchers and environment.

