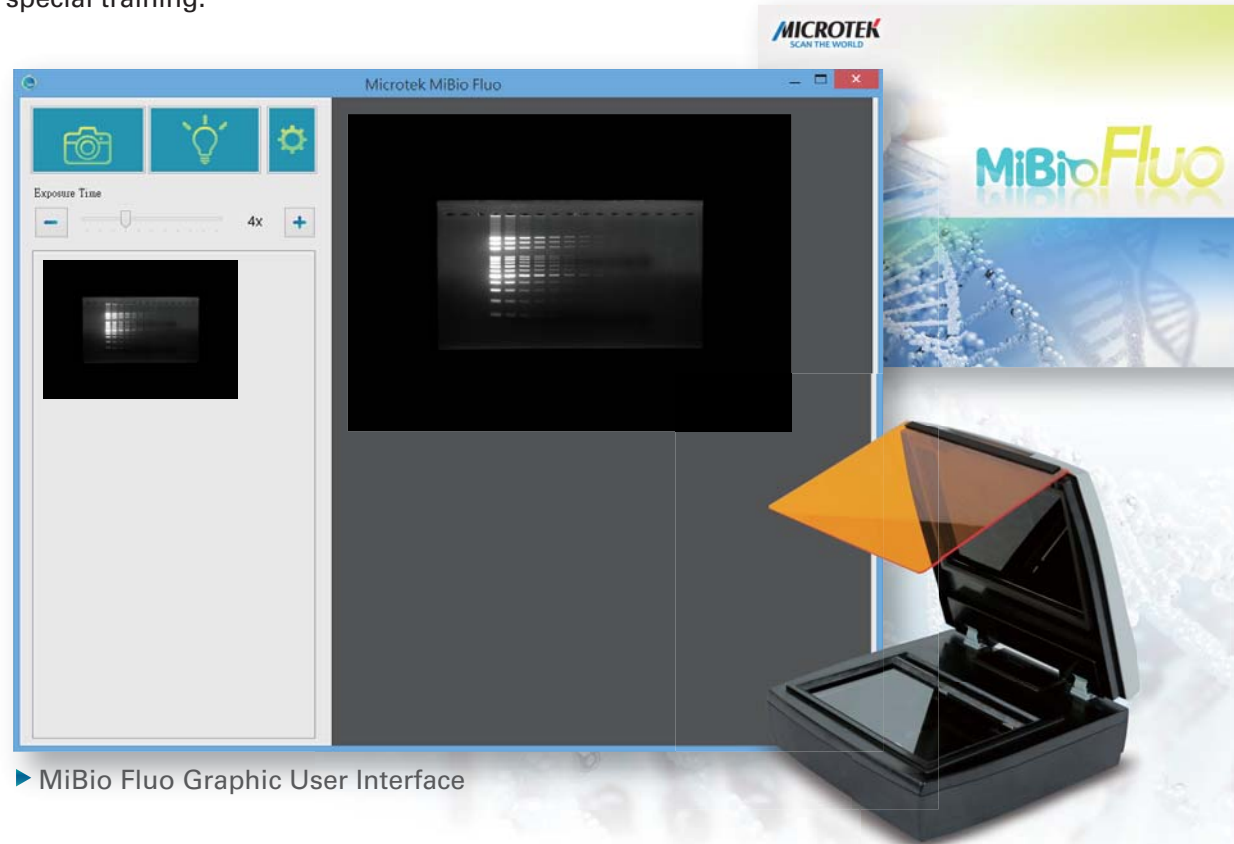


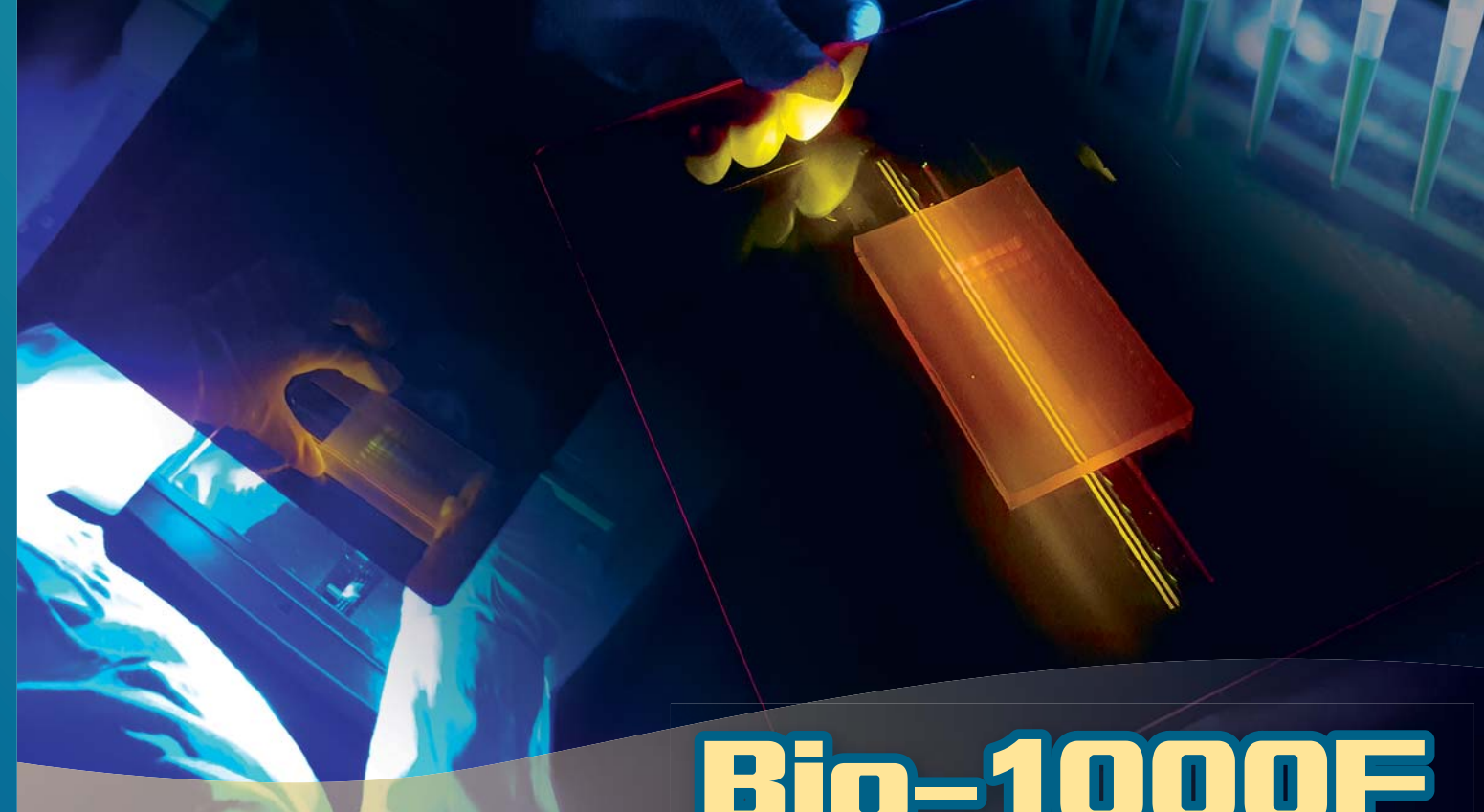
## Simple Software Brings Effective Results

### 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
- Light Source : Blue LED ( 460-490 nm )
- Sensitivity : 0.008 ng /  $\mu$ 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 XP, 7, 8 and 10

### Accessories

- MiBio Fluo
- Filter Plate

For more details on product, please contact your local Microtek sales or dealers.

### Microtek International, Inc.

No. 6 Industry East Road 3, Science-Based Industrial Park, Hsinchu 30075, Taiwan  
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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.

**MICROTEK**  
SCAN THE WORLD



- Fluorescence sensitivity up to **0.008** ng /  $\mu$ l and applicable to global EtBr-alternative stain brands, such as SYBR<sup>®</sup> Safe and GelRed<sup>™</sup>.
- 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

**MICROTEK**  
SCAN THE WORLD

## 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<sup>®</sup> Safe, GelRed<sup>™</sup>, GelGreen<sup>™</sup>, EZ-VISION<sup>®</sup> Blue light, Diamond<sup>™</sup>, GreenView<sup>™</sup> and SafeView<sup>™</sup>.



▲ DNA Gel Image of SYBR<sup>®</sup> Safe



▲ DNA Gel Image of GelRed<sup>™</sup>

## Coherent Working Process Accomplishes High Efficiency

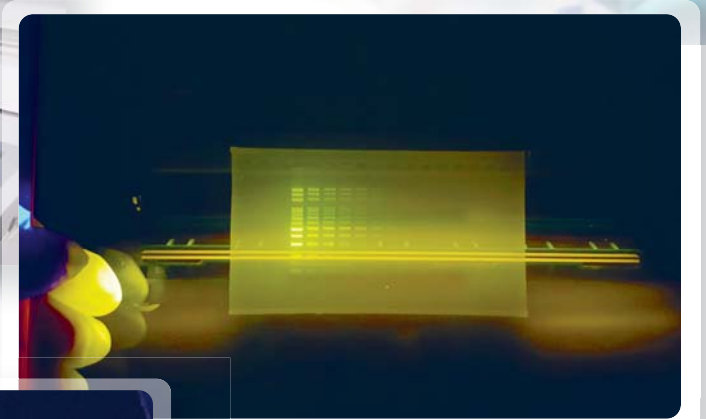
Bio-1000F provides trans-illumination, imaging and gel extraction at one independent platform. Researchers and laboratory staffs can carry out gel-electrophoresis preview, image recording, or gel extraction without transition between trans-illuminator and gel-document system.

## Clear Banding Patterns and Convenient Gel-Extraction

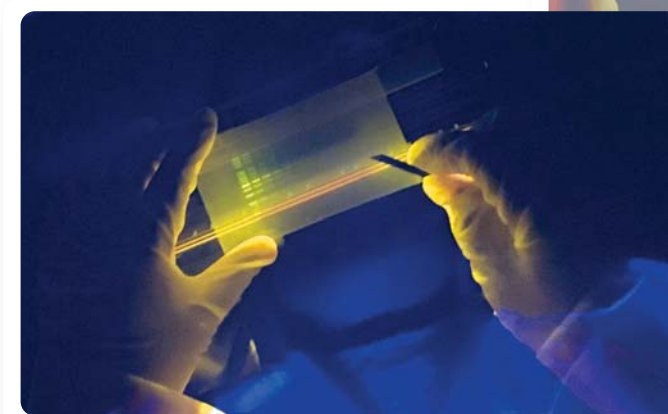
The integrated filter plate and LED bar provides more convenience and stronger fluorescent signal.



▲ 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.



Your local distributor:



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