

Bio-5000 *plus*

Professional Gel Scanner



Application:

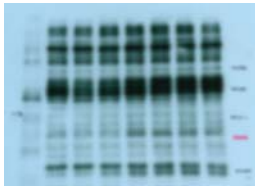
- ▶ IEF Gel, etc ...
- ▶ SDS-PAGE
- ▶ Films for Autoradiography
(Western blots, Northern blots ...)
- ▶ Gel Documentation

Fast Scanning

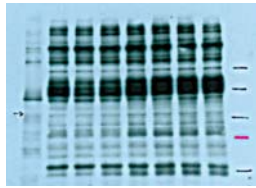
**Dry / Wet
Gel Sample**

The Bio-5000 Plus provides high image quality with superb features: 4800-dpi resolution, 48-bit color depth, 0.05D-3.7D & 3.77 Dmax.

With resolution that reaches up to 4,800 pixels per inch, the Bio-5000 Plus can surely present scanned images of the light area in incredibly crystal-clear, accurate, and extra detailed ways. Also, it is capable of delivering full 48-bit depth color for richer and smoother tonal values, and a minimum density (Dmin) of 0.05D allows users to capture details in light areas, as well as accurately represent gradation from originals without sacrificing details of the image.



General Scanner



Microtek Bio-5000 plus

Supports multi categories of application examples

The Bio-5000 Plus is capable to scan Electrophoresis gels stained with Coomassie blue staining, or autoradiography, silver-stained SDS PAGE, etc.

Removable Glass Holder

The Bio-5000 Plus is equipped with a specially designed leak-free and removable glass holder that can be easily moved, cleaned, and washed under water.



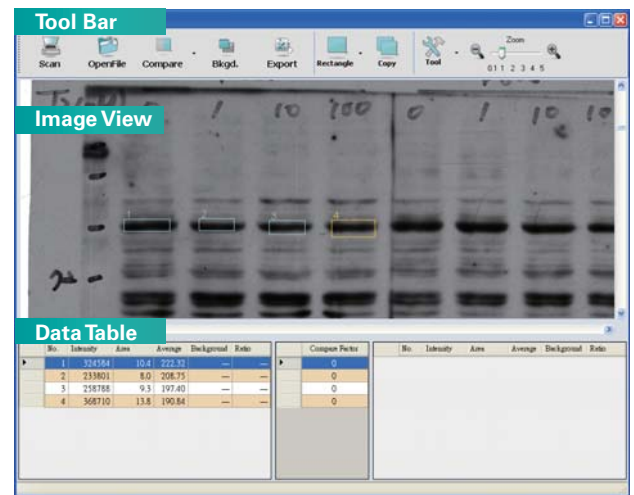
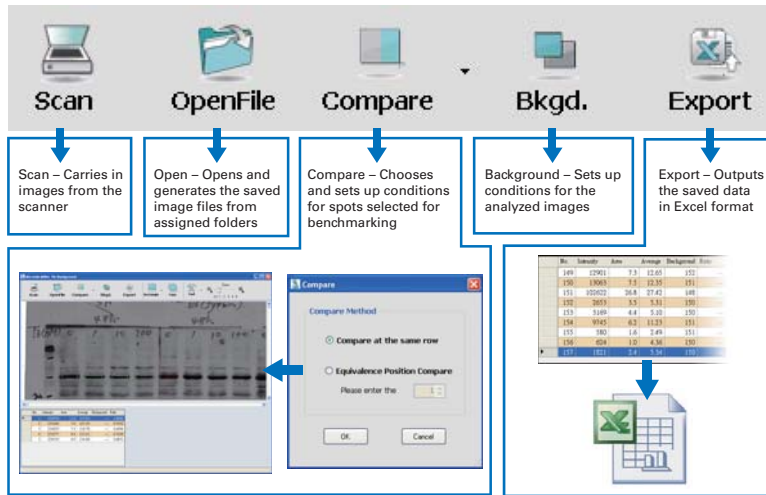
Bio-5000 plus

- Energy-saving LED light source
- Specially-designed removable leak-free glass holder
- Delivers accurate images for both dry and wet gel samples
- Dual-scan beds – 8" x 10" for Gel & Transparent film / 8.5" x 14" for Reflective
- 0.05D ~ 3.7D, 3.77 Dmax
- Smart Auto Focusing technology



Powerful Software Features

Introduced with unique software MiBio, users are capable to deal with many biological analyses under a user-friendly surface (Windows only). The utility provides extra value-added turnkey solutions to each case study.



Specifications

Scanner Type Flatbed scanner
Image Sensor CCD
Scanning Mode 48-bit color, 16-bit grayscale (internal/external)
Resolution Optical: 4800 dpi (5 um spot size, 94 lp/mm)
 Hardware: Up to 4800 x 9600 dpi
 Default: 300 dpi
Light Source LED
Interface Hi-Speed USB (USB 2.0)
Scanning Area Reflective: max. 8.5" x 14" (216 mm x 356 mm)
 Transparency: max. 8" x 10" (203 mm x 254 mm)

Scanning Speed 21.57-sec./ 8" x 10"
 (at 300-dpi in grayscale for gel scanning)
Optical Density Transparency: $\geq 0.05D \sim 3.7D, 3.77 Dmax$
Dimensions 22.3" x 15.1" x 6.3"
 (567 mm x 385 mm x 158 mm)
Net Weight 26.4 lbs. (12 kg.)
Platform Windows
Environment Operating temperature: 41° to 104°F
 (5° to 40°C)
 Relative humidity: 20% to 85%

System Requirement

- CD-ROM drive (for installing software)
- Color display with 24-bit output capability
- 512 MB RAM or more (1 GB is recommended)
- Pentium IV PC or higher with USB 2.0 port
- 300 MB or more of free hard disk space
- Windows 7 / 8 / 10

Included Software

- Microtek® ScanWizard™ Bio
- Microtek® MiBio
- Adobe® Acrobat® Reader



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

