

Bio-6000[™]

A3 Size Gel Scanner with Leak-Free Removable Glass Holders



Application:

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

Fast Scanning
9 sec.
Dry / Wet
Gel Sample

Designed Leak-Free Removable Glass Holder

Bio-6000T is equipped with a specially designed leak-free glass holder that can be easily removed out for cleaning and washing under water tap. The available holder size are 11 x 11 cm, 24 x 24 cm, and 12" x 16". Scientists can capture images directly from gel surface handily no matter the samples are dry or wet. It saves a lot of time, 1-2 days at least, to continue the lab projects without waiting samples being dried.



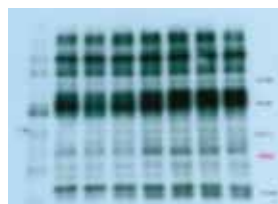
Holder Size : 11 x 11 cm (2 sets) ; 24 x 24 cm ; 12" x 16"

Fields of application and application examples

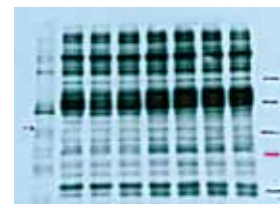
Electrophoresis gels stained with Coomassie blue staining, or autoradiography. i.e. silver-stained SDS PAGE, etc.

Bio-6000T provides high image quality with the technical characteristics: 3200 dpi resolution, 48-bit color, 0.05D~3.77D

The images are amazingly crystal-clear for the bright area. There is no need to worry about contrast or light reflection problems, the scanner presents the consistent image with the original sample.



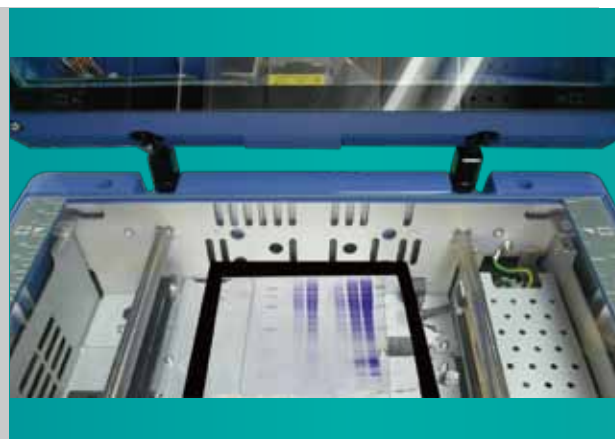
General Scanner



Microtek Bio-6000T

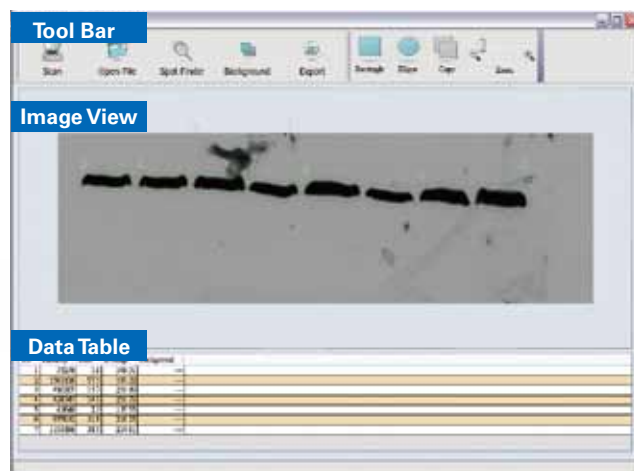
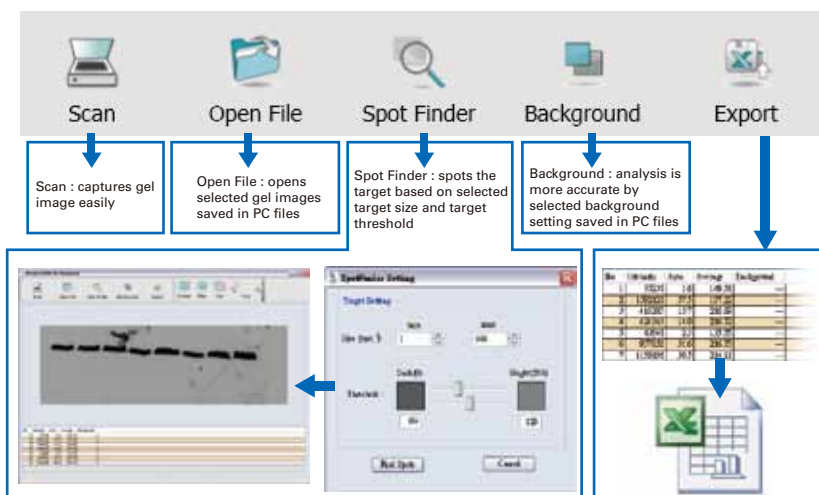
Bio-6000T

- Designed Leak-Free Glass Holders can be removed and clean-up easily
- Leak-free large 12"x16" scan bed & shield avoid liquid penetration
- No warm up time with energy-saving LED light source
- 9 seconds per gel scanning (10x10cm)
- 0.05D~3.77D optical density
- 3200 dpi optical resolution (7.9 um spot size, 63 lp/mm)
- Smart-Touch button quick captures images
- Make batch scanning easily
- Deliver accurate images no matter the scanned target is dry or wet gel samples



Powerful Software Features

Along with MiBio, it implements many biological image analysis features with a user-friendly surface (Windows only). The utility provides added valuable turnkey solution. Microtek's Bio-6000T is also compatible with all advanced image analysis software packages for 1D and 2D gel electrophoresis.



Specifications

Product Type	Flatbed Scanner
Image Sensor	CCD
Scanning Area	Reflective: 12" x 16.9" / 304 x 429.3 mm Transparent: Up to 12" x 16" / 304 x 407.9 mm (A3-size)
Scanning Speed	9-sec./10x10 cm; 21-sec./ 12"x16"(300-dpi for Gel Scanning)
Resolution	Optical: 3200 dpi optical resolution (7.9 um spot size, 63 lp/mm) Hardware: Up to 3200 X 6400 dpi Default 300 dpi
Holder Size	110 x 110 mm (2 sets) ; 240 x 240 mm ; 12" x 16"

Bit Depth	True 48-bit
Optical Density	0.05 D~3.77D
Interface	Hi-Speed USB (USB 2.0)
Dimensions	24.7" x 14.8" x 7.3" / 627.3 x 375.9 x 185.4 mm
Net Weight	35.4 lbs (16.1 kg)
Power Supply	100 to 240 VAC, 47 to 63 Hz
Max Power Consumption	54.9 Watts
Platform	Windows

System Requirement

- CD-ROM drive (for installing software)
- Color monitor with 24-bit color capability
- 512MB RAM or more (1GB recommended)
- 300MB or more hard disk space available
- Microsoft Windows 7 (compatible with XP/Vista)



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