MICROTEK
SCAN THE WORLD

Bio-6000

A3 Size Gel Scanner

Fast Scanning
9 sec.
Dry / Wet
Gel Sample

Application:

▶ Gel Electrophoresis

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

▶ Gel Documentation

▶ IEF Gel

Designed Leak-Free Scan Bed and Shield

Bio-6000 is equipped with a specially designed leak-free scan bed and shield that prevent the machine from liquid penetration. 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.
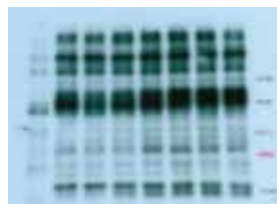
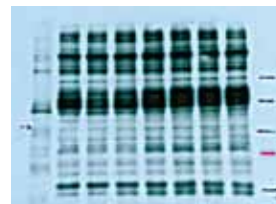## Fields of application and application examples

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

High image quality with 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.
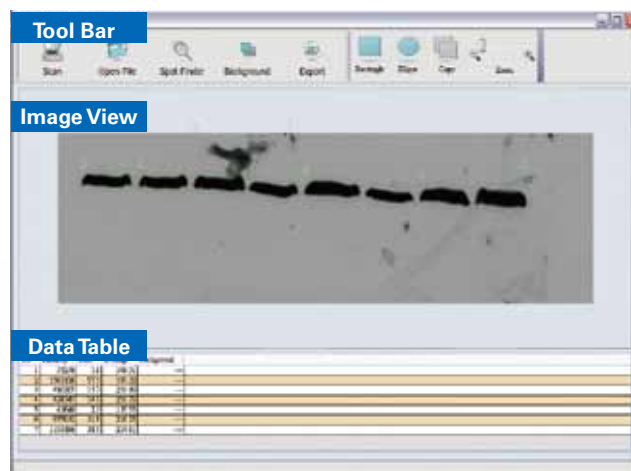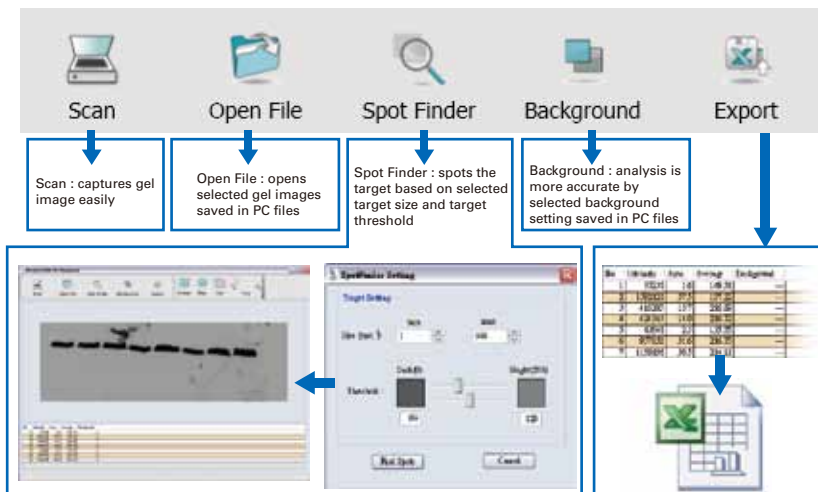
General Scanner   Microtek Bio-6000

Bio-6000

- Leak-free large 12"x16" scan bed, and shield can 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 quickly captures images
- Make batch scanning easily
- Deliver accurate images no matter the scanned target is dry or wet gel sample

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-6000 is also compatible with all advanced image analysis software packages for 1D and 2D gel electrophoresis.

Scan	Open File	Spot Finder	Background	Export
Scan : captures gel image easily	Open File : opens selected gel images saved in PC files	Spot Finder : spots the target based on selected target size and target threshold	Background : analysis is more accurate by selected background setting saved in PC files	

Tool Bar

Image View

Data Table

Specifications

Product Type	Flatbed Scanner	**Bit Depth**	True 48-bit
Image Sensor	CCD	**Optical Density**	0.05D~ 3.77D
Scanning Area	Reflective- 12" x 16.9" / 304 x 429.3 mm	**Interface**	Hi-Speed USB (USB 2.0)
	Transparent: Up to 12" x 16" / 304 x 407.9 mm (A3-size)	**Dimensions (L x W x H)**	24.7" x 14.8" x 7.3" / 627.3 x 375.9 x 185.4 mm
Scanning Speed	9-sec. /10x10 cm ; 16-sec. /24x24 cm ; 21-sec. /12"x16" (300 dpi for gel scanning)	**Net Weight**	35.4 lbs (16.1 kg)
Resolution	Optical: 3200 dpi optical resolution (7.9 um spot size, 63 lp/mm) Hardware: Up to 3200 X 6400 dpi Default 300 dpi	**Power Supply**	100 to 240 VAC, 47 to 63 Hz
		Max Power Consumption	54.9 Watts
		Platform	Windows

System Requirements

- 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)

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

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