

**Bio-6000**

# A3 Size Gel Scanner



## 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.

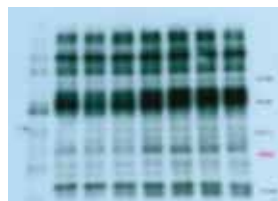


## Fields of application and application examples

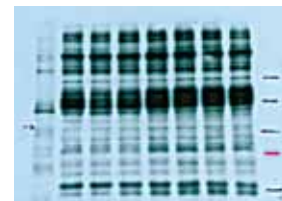
Electrophoresis gels stained with Coomassie blue staining, or autoradiography, i.e. silver-stained SDS PAGE, etc.

## 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

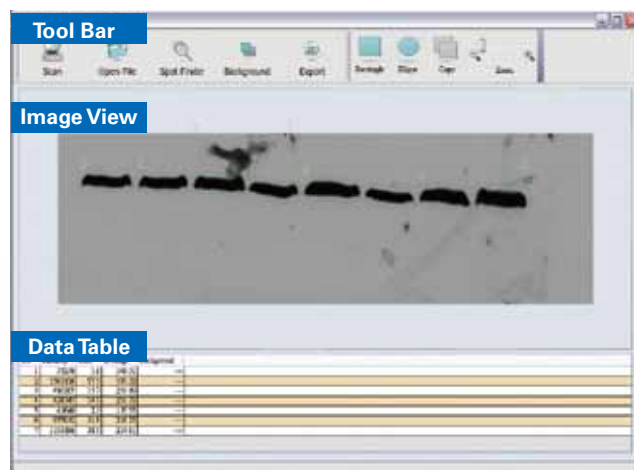
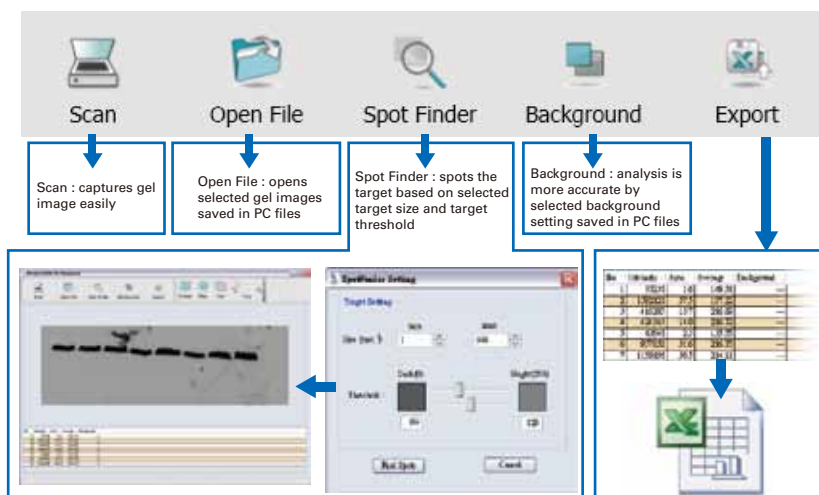
# Bio-6000

- Leak-free large scan bed, and shield can avoid liquid penetration
- No warm up time with energy-saving LED light source
- 6 seconds per gel scanning (10 x 10 cm)
- 0.05D ~ 3.77D optical density
- 3200 dpi optical resolution (7.9 μm 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.



## Specifications

**Product Type:** Flatbed Scanner

**Image Sensor:** CCD

**Scanning Area**

Reflective: 11.6" x 16.9" (294.6 mm x 429.3 mm)

Transparent: 11.6" x 16" (294.6 mm x 406.4 mm)

**Scanning Speed:**

5.31 sec. / 10 x 10 cm @300 dpi

11.75 sec. / 24 x 24 cm @300 dpi

19.74 sec. / 11.6" x 16" @300 dpi

**Bit Depth:** 48-bit

**Resolution**

Optical: 3200 dpi

(7.9 μm spot size, 63 lp/mm)

Hardware: Up to 3200 x 6400 dpi

Default: 300 dpi

**Optical Density:**

0.05D ~ 3.77D, 3.77 Dmax

**Dimensions (LxWxH):**

24.7" x 14.8" x 7.3"  
(627.3 x 375.9 x 185.4 mm)

**Weight:** 35.4 lbs. (16.1 kg.)

**Connectivity:** Hi-Speed USB (USB 2.0)

**Power Supply:** AC 100V-240 V, 47-63 Hz

**Power Consumption:** 54.9 Watts

**Environment**

Operating Temperature:

50° to 104°F (10° to 40°C)

Relative Humidity: 20% to 85%

## System Requirements

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

## Included Software

- Microtek® ScanWizard™ Bio
- Microtek® MiBio
- InterVideo MediaOne Gallery™
- ABBYY FineReader® Sprint OCR
- Adobe® Photoshop Elements
- Adobe® Acrobat® Reader



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