

# Bio-5000

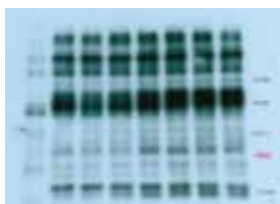
Bio-5000, professional Gel Scanner, is perfectly designed to capture images of biological samples either dry or wet :

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

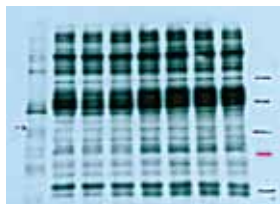


**The Bio-5000 provides high image quality with the technical characteristics: 4800 dpi resolution, 48-bit color, 0.05 OD at 4.2 OD max dynamic.**

The images are amazing crystal-clear, accurate, and extra detailed for the light area. There is no need to worry about the contrast or problem of reflection of light, the Bio-5000 automatically solves the problems of development to reach easily to an image consistent with the original sample.



General Scanner



Microtek Bio-5000

**Fields of application and application examples**

Electrophoresis gels stained with Coomassie blue staining, or colored autoradiography. i.e. Coupe argentique SDS Page Film of the organ or visible Coupes animaux Documents

**Removable Glass Holder**

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



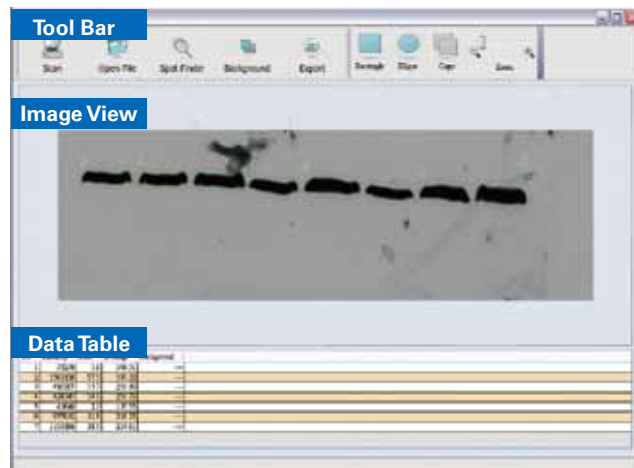
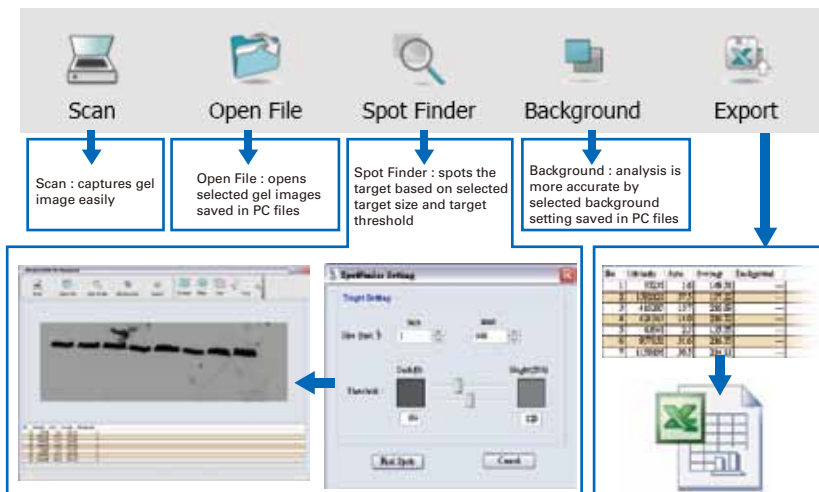
# Bio-5000

- 6 seconds per gel scanning (10 x 10 cm)
- Designed removable leak-free glass holder
- Deliver accurate images of dry/wet gel sample
- Dual-scanning platforms: 8"x10"/ Gel & Transparent, 8.5"x14"/ Reflective
- 0.05 Dmin / 4.2 Dmax
- Mechanism design of Microtek patented E.D.I.T. Technology



**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-5000 is also compatible with all advanced image analysis software packages for 1D and 2D gel electrophoresis.



**Specifications**

<b>Product Type</b>	Flatbed Scanner
<b>Image Sensor</b>	CCD
<b>Scanning Area</b>	Reflective : 8.5" x 14" / 216mm x 356mm (Legal-size) Transparent : Up to 8" X 10" / 203.2 x 254 mm
<b>Scanning Speed</b>	6-sec./10x10cm; 15-sec./ 8"x10" (300-dpi for Gel Scanning)
<b>Resolution</b>	Optical: 4800 dpi (5 µm spot size, 94 lp/mm) Hardware: Up to 4800 x 9600 dpi Default: 300 dpi

<b>Bit Depth</b>	True 48-bit
<b>Optical Density</b>	0.05 Dmin / 4.2 Dmax
<b>Interface</b>	Hi-Speed USB (USB 2.0)
<b>Dimensions</b>	22.3" x 15.1" x 6.3" / 567 x 385 x 158 mm
<b>Net Weight</b>	26.4 lb (12 kg)
<b>Power Supply</b>	100 to 240 VAC, 50 to 60 Hz
<b>Max Power Consumption</b>	35 Watts
<b>Platform</b>	Windows

**System Requirement**

- \* CD-ROM drive (for installing software)
- \* Color monitor with 24-bit color capability
- \* 128MB RAM (256MB recommended )
- PC and compatibles
- Pentium III PC or higher with USB port
- Microsoft Windows 7 / Vista / XP



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



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