

Biochemicals
Electrophoresis
Bioseparation
Life Sciences
Specials

Bio-5000 Plus VIS Gel Scanner

For SDS PAGE gels, Western Blots etc.

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Microtek's Bio-5000 Plus, performing advanced application in biological laboratory, is perfectly designed for image capture of electrophoresis gels, films etc. in transmission mode and blotting membranes, documents etc. in reflection mode.



High Quality images for documentation, analysis and quantification

With resolution that reaches up to 4800 pixels per inch, the Bio-5000 Plus can surely present scanned images of the light area in incredibly crystal clear, accurate, and very detailed ways. Also, it is capable of delivering full 48-bit depth color for richer and smoother tonal values, and a minimum density 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. Scanned images are best suited for documentation, MW and pI-Determination, quantification, etc.

- Energy-saving LED light source
- CCD Flatbed Scanner
- Delivers accurate images for both dry and wet gel samples
- 0.05D ~3.7D, 3.77 Dmax
- Mechanism designed of Microtek patented E.D.I.T. technology

Removable leak-free glass holder

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



Auto-Focus function and Emulsion Direct Image Technology (E.D.I.T.)

With a built-in Auto-Focus function, Bio-5000 Plus is capable of shifting the focal length to the best position automatically, thus you can get images with top quality. By the design of the Emulsion Direct Imaging Technology (E.D.I.T.) and holders for electrophoresis gels, it is quite convenient to put your Bio-5000 Plus in operation. Therefore, the Bio-5000 Plus is the best choice of scanning electrophoresis gels.

Specification Bio-5000 Plus

Scanning Modes	48-bit-color 16-bit grayscale (internal/external)
Scanning Area	Reflective: max. 216 mm x 356 mm Transparency: max. 203 mm x 254 mm
Resolution	Optical: 4800 dpi (5 µm spot size; 94 lp/mm); Hardware: Up to 4800 x 9600 dpi Default: 300 dpi
Interface	Hi-Speed USB (USB 2.0)
Light Source	LED
Dimension	567 mm x 385 mm x 158 mm (L x W x H)
Weight	12 kg
Voltage	AC 100 V to 240 V; 50 - 60 Hz

Ordering Information

Cat. No.	Product
BIO-5000P	Bio-5000 Plus VIS Gel Scanner

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