

MicroBIS

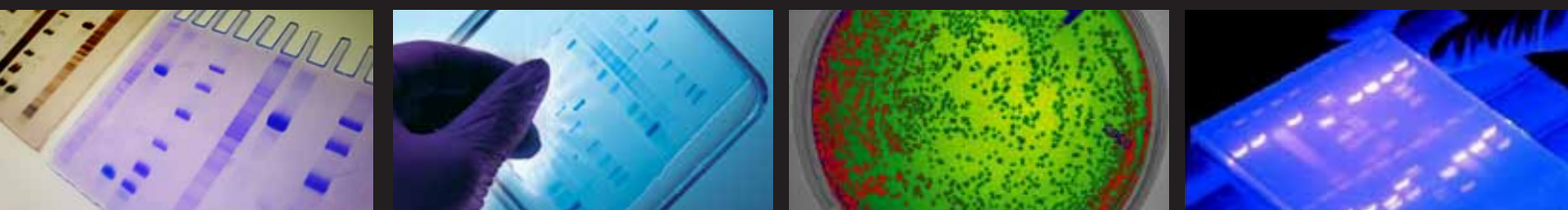
Your Personal Gel Imager



The MicroBIS presents the safe, affordable, personal gel imaging system that will reduce your dependence on department or interdepartmental equipment.

Work Simply, Work Safely

Don't let the compact design and small footprint fool you. The MicroBIS features superior fluorescence and visible dye documentation. It is uniquely engineered for user safety in the research environment and it is maintenance free.



The MicroBIS Advantages

- **Simplicity, speed and quality:** Easy-to-use, unique scientific sensor with unrivalled sensitivity produces high-resolution images with just one click
- **Compact:** Conveniently small footprint for lab benchtop
- **Designed for safety:** Distinctive features for user safety in the research environment
- **Cost-effective:** High-quality results at a fraction of the cost
- **Maintenance free:** User friendly system with no ongoing maintenance requirements
- **Wide range of applications:** Addresses a wide range of safety dyes and experimental applications
- **Unique illumination:** Integrated blue LED light source
- **Easy-to-use GelQuant analysis software:** Results at a click of a button

Camera	
Gradation	16-bit file format
Sensor type	2/3" large pixel Scientific Sensor
Image resolution	up to 5 Mpixel Number of pixels: 1280(h)x 1024(v)
Dynamic range	3.8 order of magnitude
Optics	
Lens	F/0.95, High Speed Mega Lens
Digital zoom	Real time x9
Field of view	12cm x 8cm
Emission filter	Orange
Light Source	
Illumination modes	Trans BLUE LED's 470nm
Software	
Image capture	GelCapture, free lifetime upgrade
1D image analysis	GelQuant Express
System Requirements	
PC/laptop	Consult with DNR for the most update version
Operating system	Windows XP Pro SP2 English version, Vista Business English version
Interface	USB 2.0
Dimensions (WxDxH)	40cm x 26cm x 29cm
Safety	
Safe Activity	Specially designed sensor permits illumination activity only upon placing the MicroBIS turret in the appropriate safe position
Drainage	Special drainage bath to prevent all excess buffer overflow
Optional	
Filter Tray	Blue Filter Tray (for adjusting light intensity), Yellow Filter Tray (for optimizing Coomassie Brilliant Blue and Silver Stain)



MicroBIS Specifications

Applications

Detection and quantization of nucleic acid, protein stains and labels compatible with excitation of UV or blue light (470nm), including Ethidium bromide, SYBR® Green, SYBR® Safe, SYBR® Gold, CBB, Silver Stain and more.

*U.S. and PCT patents pending