



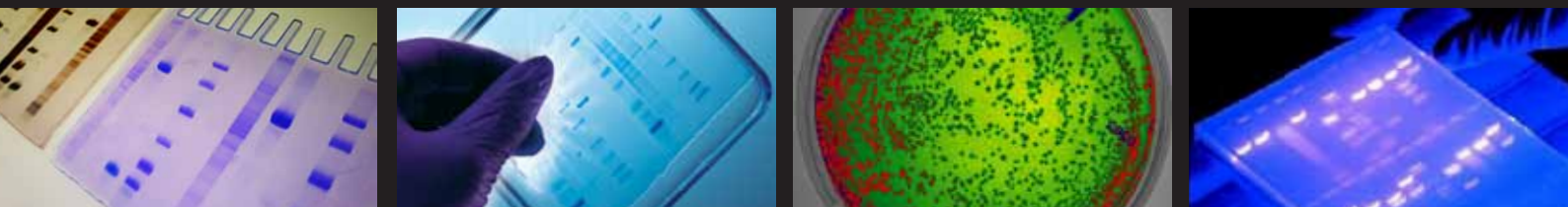
MiniLumi

Quality imaging starts with a quality system



DNR's MiniLumi bio-imaging system meets researchers' demands for reliable fluorescent and colorimetric applications.. Combining superior optics with a high-quality camera and versatile illumination options.

The MiniLumi brings the most accurate results with maximum detail all at the touch of one button.



The MiniLumi Advantages

- **Advanced resolution:** High-quality images with precise sample separation
- **Range of illumination options:** Enables epi and trans UV, 8-filter wheel compatible with the range of Qdot applications and all UV excited fluorophores
- **Simple operation:** One-click image capturing
- **Semi-motorized lens:** Zoom, iris, and focus
- **Real-time image viewing and analysis:** Easy to use with fast results

Camera	
Type	CCD
Resolution	1360(h) x 1024(w); 1.4 Mpixel Optional: 1600(h) x 1200(w); 2 Mpixel
Gradation	16-bit file format
Dynamic range	3.4 order of magnitude
Signal-to-noise ratio	Greater than 55dB
Illumination and Darkroom	
Darkroom chamber type	Smart Dark Chamber technology with UV protection mechanism
Emission filters	8x position filter wheel with 1 filter included as a standard (orange)
Illumination modes	Trans-UV; Epi-WL, Epi-UV, UV converter to WL
Excitation sources	UV source: 312 nm (optional: 254nm, 365nm)
System Requirements	
PC	Check latest specifications before ordering
Operating system	Windows XP Pro SP2 or Vista
Interface	FireWire
Dimensions (W x D x H)	41cm x 43cm x 75cm
Power	220-240V 50-60Hz
	100-120V 50-60Hz
Software	
Image capture	GelCapture, free lifetime upgrade
1D image analysis	DNR's GelQuant Optional for additional price - Nonlinear Dynamics TotalLab Quant, Phoretix or Phoretix 1D
Optional Accessories	
Wide range of filters	

Applications

Detection and quantization of nucleic acid, proteins and labels, including Ethidium bromide, Gelstar™, Fluorescein™, Coomassie® Brilliant Blue, SYPRO™ Orange, SYPRO™ Red, Silver Stain, SYPRO™ Ruby, Qdots and more.

Other biological methods: Thin-Layer Chromatography (TLC), autoradiograph, microplates, macroarrays, colony/plaque screening, RFLP/VNTR, Southern blotting, Northern blotting, colony hybridization, plaque lifts ... and more.