



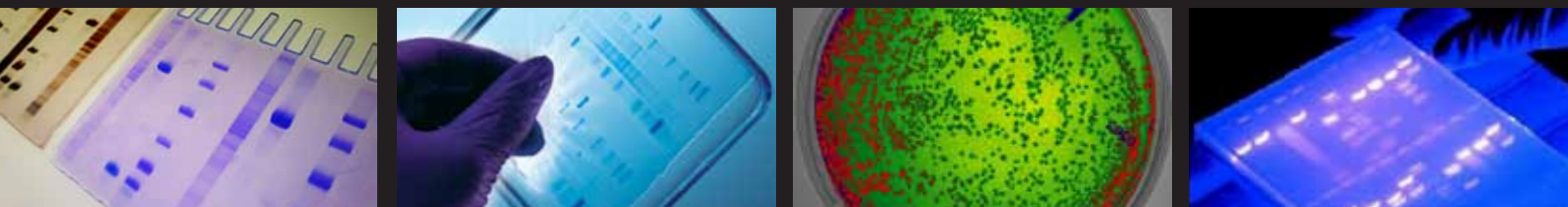
MiniLumi

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, UV converter to WL Optional: Epi-UV or One Wavelength epi-LED illumination
Excitation sources		UV source: 312 nm (optional: 254nm, 365nm) or epi-LED illumination source according to researcher needs.
System Requirements		
PC		Check latest specifications before ordering
Operating system		Windows XP Pro SP2 or Vista
Interface		FireWire
Dimensions (W x D x H)		47cm x 48cm x 88cm
Power		220-240V 50-60Hz 100-120V 50-60Hz
Software		
Image capture		GelCapture, free lifetime upgrade
1D image analysis		DNR's GelQuant or Nonlinear Dynamics TL-100, TL-120 or TL-120DM
Optional Accessories		
Thermal and dye sublimation		
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.