Gel Analysis Equipments

GeNei™ Image System

Description: GeNei image System can be operated as a stand alone system for producing high quality thermal prints of gel images. However, image can be easily transferred to a computer as a 12-bit TIFF or JPEG file, either through the network or through a compact flash card. The images can then be manipulated by using the user friendly GeNei software which enables image manipulation, annotation and simple analysis. Saturation monitoring of the live image ensures that fully quantifiable images can be captured directly.

GeNei™ Image System Components:

- High Quality CCD Camera
- Real Time Image display
- Dark Room with wide access door
- Transilluminator 20 x 20 cm
- UV Transilluminator 312 nm
- Visible Light & Ethidium Bromide Filter
- Zoom Lens
- Manual control of lighting, zoom lens & image capture
- Compact Flash Card with USB Reader
- 17 pre-set integration times

GeNei™ Image Analysis Software:

- Enhance images with adjustments including brightness, Contrast, Invert and annotation
- Good laboratory practice
- Molecular Weight

Highlights:

- No computer is required with this system to view the gel.
- Built in LCD Screen Display
- Compact Flash Drive, Built in Network Card
- High quality universal Filter
- USB card reader
- Software (MW Analysis, Image Manipulation, annonations, colony counting)
- Ideal for multi-user environments
- Light saturation of image detectable on monitor or LCD screen

Technical Specification:

CCD camera	
Sensor	CCD camera
Resolution	758 (V) X 582 (H)
Signal to noise	> = 58 dB
Zoom lens	8-48 mm F1.0, Manual zoom
Filter	Visible light and Ethidium Bromide filters
Pixel Intensity	**12 Bit, 255 Gray Levels**
Hardware	**Dark room**
Illumination type	Epi-white light
Excitation source	312 nm, Dual intensity, 20 x 20 cm
Power	230V, 50-60Hz
Monitor	TFT - LCD monitor
Safety interlock	Yes
Image type	TIFF, JPG, BMP files
Drive	1GB Compact Flash Card with USB Reader
Genei Image Analysis Software	
Genei Image Software	Annotation, GLP, Image Manipulation & Molecular Weight Calculation