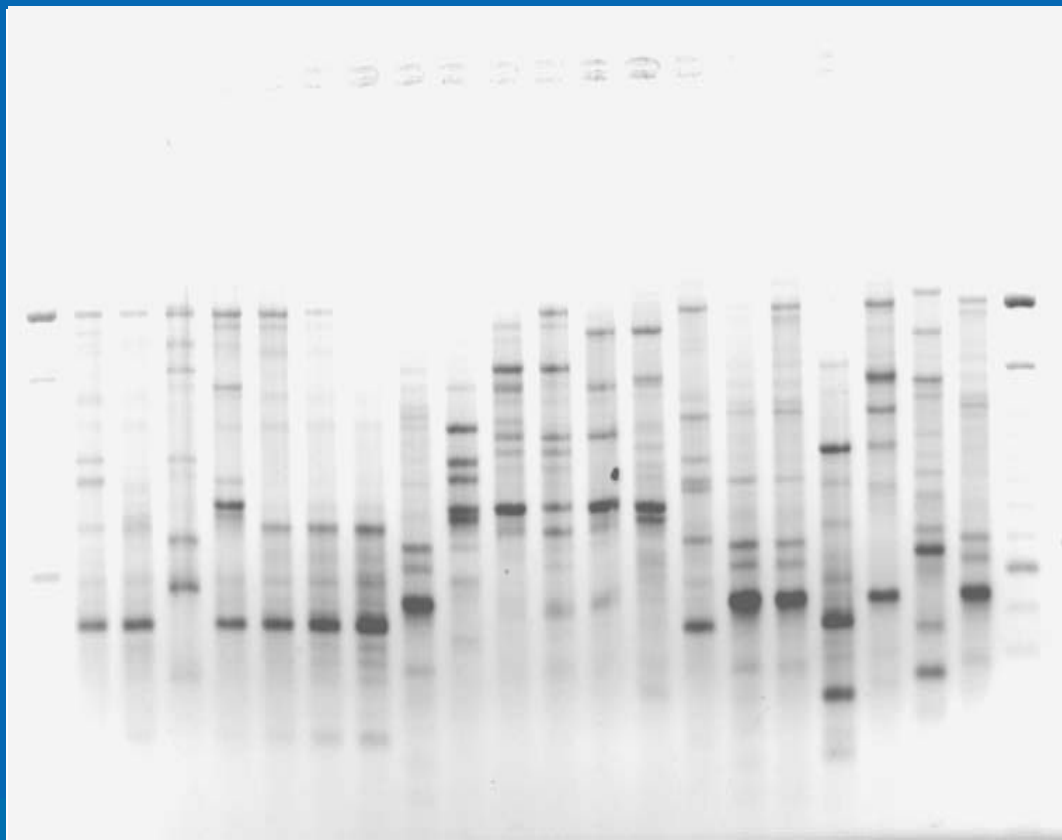


GEL SMART IMAGER

Digital Imaging Systems



- ▶ Flexible image acquisition to fit any imaging requirements
- ▶ High resolution digital CCD camera for accurate results
- ▶ Gel Smart friendly software for documentation and image enhancement
- ▶ Modular systems configuration :
 - ▶ 12 bits high grade system dedicated for quantitative analysis
 - ▶ 8 bits low cost system dedicated for printing routine
 - ▶ Manual or motorized ultra bright zoom lens
 - ▶ New darkroom concept with in slide out transilluminator
 - ▶ Optional softwares for image analysis features

IMAGING SYSTEMS AND ACCESSORIES FOR MOLECULAR BIOLOGY

Gel Smart Imager solutions are fully customizable to fit your requirements.

Gel Smart Imager includes a monochrome scientific grade CCD camera for real time gel focusing and long exposure time (up to 60 seconds) for fluorescence.

Depending on your application you can select the right Gel Smart Imager between two camera pixel depth :

- HR14/8 : 8 bits camera, 256 grey levels, 1.4 MegaPixels (1360*1024 pixels), sensitivity 10^{-5} lux, 0.01 ng Ethidium bromide.
- HR14/12 : 12 bits camera, 4096 grey levels, 1.4 MegaPixels (1360*1024 pixels), sensitivity 10^{-5} lux, 0.01 ng Ethidium bromide.

The ultra bright scientific grade zoom (8-48 mm/f1,2) can be manual or motorized (under Gel Smart software control).

Our unrivalled selected interferential filter allows optimum image quality for ethidium bromide and SYBR Green applications.

Gel Smart is a user friendly software including :

- Powerful image acquisition features :
 - Positive or negative acquisition
 - Fast positioning acquisition mode
 - Auto exposure fluorescence mode
 - Cross display for gel positioning
 - Saturation control
 - User personal configuration
 - Full camera controls
- Image enhancement
 - Contrast, Brightness, Inversion,...
 - Smile correction
 - Edition of comments and settings
- Image printing
 - Thermal printer
 - Laser or inkjet printer through printing models

A new darkroom concept including a build-in slide out transilluminator

- 26*21 cm / 312 nm UV Table for various sample sizes
- High frequency electronic ballast to improve image quality
- Overhead white light for gel positioning

Gel Smart Imager can be offered with selected accessories

- Qualitative and quantitative optional image analysis software
- UV to white light converter dedicated to protein imaging
- UV to blue converter dedicated to SYBR green imaging
- Others UV tables and Darkrooms
- Sony or Mitsubishi digital thermal printer
- Pentium 4 based PC

For bench saving we can supply the laboratory with a small form PC :

- Barebone Gel Smart Imager, including 17 inches LCD screen



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