

June 2007

HARDWARE



XPLORER D77

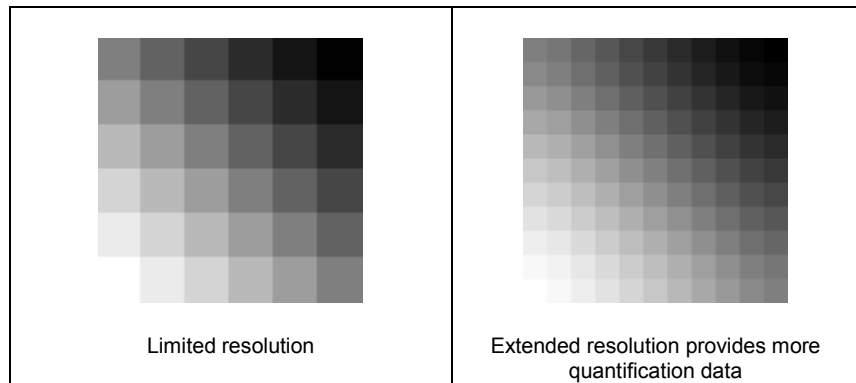


XPLORER D55

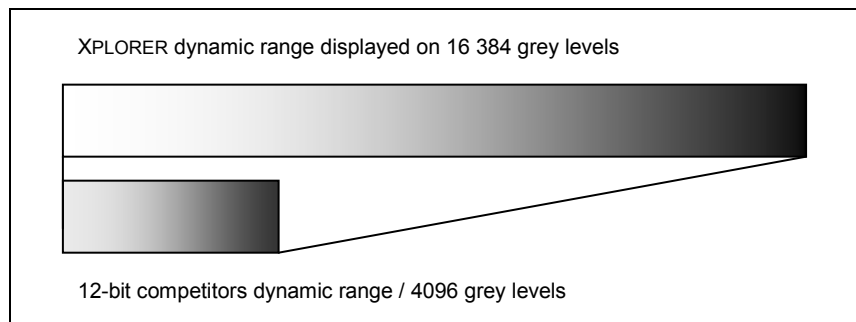
EXPAND YOUR TERRITORIES

1.4 megapixels – 14-bit XPLORER system

The XPLORER is a 1.4 megapixels gel-documentation system ideal for documentation, publication and quantification. The very high resolution provides more quantification data as the image contains more details.

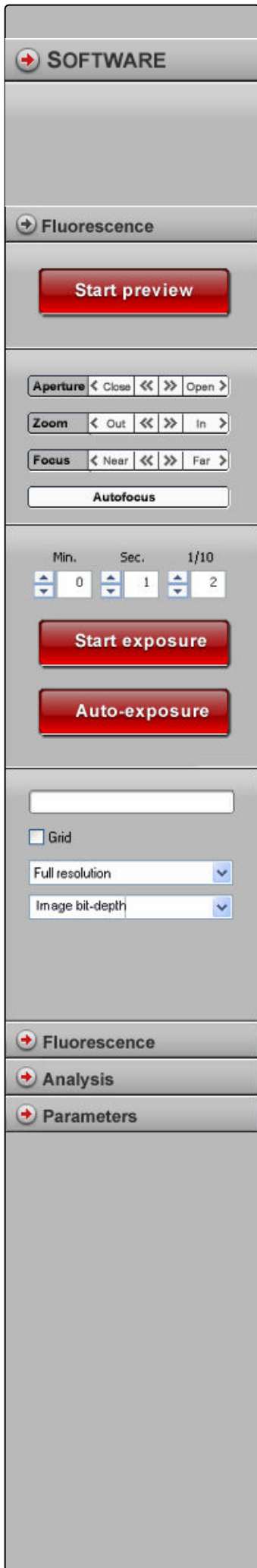


The XPLORER is a native 14-bit system, to be compared with 12-bit systems of our competitors. The dynamic range describes the ratio between the maximum and the minimum measurable light intensities. Light measurements are translated into digital values with precision measured by the bit depth. The XPLORER extended dynamic range provides more quantification data

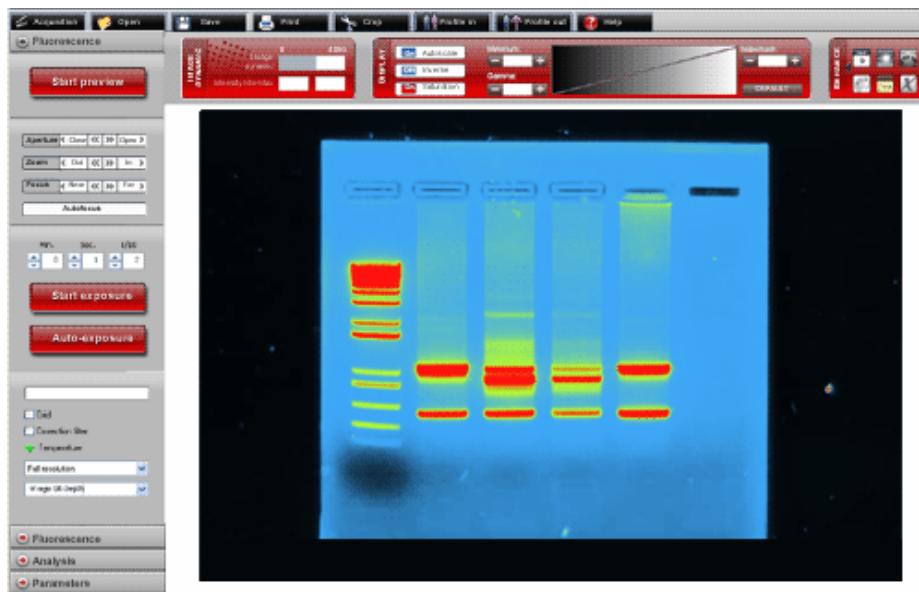


Key features

- Massive 14-bit performance (16 384 grey levels) - 1.4 Megapixels
- 6 wavelength illumination options. Biofluorescence & multiplexing ready
- Patent pending UVI-PURE technology available
- Prominent pixel size
- Extreme sensitivity for the faintest fluorescence sample
- Suitable for both routine documentation & critical quantitative applications
- Versatile and upgradeable
- FireWire connection
- "One touch" fully automated image acquisition program
- Wide variety of darkrooms and options to tailor your own system and fit your budget
- Superb quality camera filter optimized for ethidium bromide



NEW ENHANCED IMAGING SOFTWARE



Your gel on live!

Our live preview mode ensures quick and easy sample positioning and fine focus.

Getting the word out

Highlight important features with text and symbols. The software helps you to annotate and illustrate your image.

Your kid could do it!

Start with a predefined set-up then optimize it for your particular technique. Name it, save it and then recall it for usage next time.

Create vibrant images

Enhance your image with the extensive and readily available set of tools such as multiple colour channels, cropping and image additions.

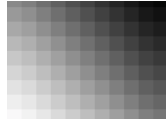
Need to quantify or measure?

Just add a calibration marker for reference or measure the volumes to determine the quantity with our simple 1-2-3 approach.

SIZE MATTERS



Camera & optics

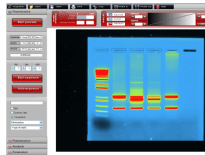


1,4 Megapixels
 14-bit performance (16 384 grey levels)
 Dynamic range: 4.8 OD
 Extreme sensitivity

Scientific grade camera with electronically variable shutter speed
 2/3 of inch sensor
 Pixel size: 7.4 x 7.4 microns
 Patent pending UVI-VIEW camera technology

FireWire super-fast connection
 6 times optical zoom

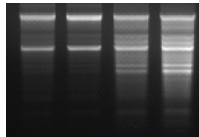
Software



Xplorer 1D software
 "One touch" fully automated image acquisition program
 Image enhancement, annotation and Illustration.

- 3 image analysis modules:
- 1D Molecular weight (MW, volume, intensity...)
 - Colony counting
 - Distance calculation (RF, IEF, ...)

Applications



- 1D nucleic acid
- 1D protein gel
- Microtitration plate or array
- Multiplexing samples
- Plant or bioluminescent samples
- Petri dish imaging
- Flash imaging

Options

- Transilluminator: UV surface: 26x21 or 20x20cm
- UV-PURE or standard transilluminator.
- Single or dual wavelength available
- Manual or motorized zoom lens
- UV to white light or UV to blue conversion screen
- Advanced UVI-Band or UVI-BandMap software



TAYLOR YOUR SYSTEM

XPLORER D77



Manual or motorised zoom lens options
Patented focusing assistant
Auto-focus mode for motorised zoom lens option

Multi-position filter wheel to cover virtually all applications

Say no to plastic!
Steel and stainless steel darkroom
Epoxy-painted for chemical resistance
Black body imaging grade

6 illumination options
Bio-fluorescence and multiplexing ready – optional Epi-Bright
Multi-wavelength epi-illumination source

Smart control panel with UV security option

Full imaging grade darkroom
Complete black imaging body

Roll-out transilluminator
UV-PURE option
UV security timer

XPLORER D55



Manual or motorised zoom lens options
Patented focusing assistant
Auto-focus mode for the motorised zoom lens option

3 positions filter slide

Say no to plastic!
Steel and stainless steel darkroom
Epoxy-painted for chemical resistance

Smart control panel with UV security option

Full imaging grade darkroom
Complete black imaging body

Roll-out transilluminator
UV-PURE option
UV security timer
Single (312nm) or dual wavelengths (312 & 365nm) for preparative work