



gelLITE offers an economic and effective solution for nucleic acids and protein gel imaging. The manually controlled camera zoom and focus provides users complete control of their imaging, while intuitive genePIX acquisition software enables a fast and efficient workflow.

This compact, yet versatile gel documentation system boasting 5-megapixel, 16-bit sensor offering massive 65,535 gray scale is the ideal tool for routine gel imaging, research-level data collection and accurate protein quantitative analysis.

## KEY FEATURES

- 5 Megapixel Camera with 16 bit image depth
- Image all commercial DNA stains and coloured protein stains
- Optional Blue and White light converters
- Free genePIX software for acquisition and analysis



### CAMERA

CMOS digital camera with USB2 connection

### LENS

Superior zoom lens for exceptional image quality

### INTERNAL WHITE

LIGHT for sample positioning and focusing

### SLIDING DOOR

Space saving

### SAFETY

Door triggered safety switch prevents accidental exposure to UV

### TRANSILLUMINATOR

302nm UV slide-out transilluminator enables acquisition of fluorescence stained gels. Optional UV/white and UV/blue converter screen or dual wavelength or blue transilluminator for increased versatility

## TECHNICAL SPECIFICATIONS

### CAMERA

SENSOR	1/3 INCH
RESOLUTION	5 MILLION PIXELS
IMAGE DEPTH	12/16 BIT
GREYSCALES	4,096/65,536
DYNAMIC RANGE	3.6 – 4.8
LENS	MANUAL ZOOM 6.5-39MM, F1.4
MAXIMUM VIEWING AREA	20 x 20CM

### ILLUMINATION

WHITE EPI OVERHEAD	YES
UV TRANSILLUMINATOR	302 NM

### CONVERTERS

UV/VISIBLE LIGHT CONVERTER	OPTIONAL
UV/BLUE LIGHT CONVERTER	OPTIONAL

### SOFTWARE

GENEPIX IMAGE CAPTURE	YES
DATA TYPES	SGD, BMP, TIFF AND JPEG
GENEQUANT IMAGE ANALYSIS	YES

### SIZE

DIMENSIONS (H x D x W) CM	62 x 37.5 x 40
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## workflow

- gelLITEPACK includes multiSUB Midi electrophoresis system, powerPRO 300 power supply, agarose gel reagents and gelLITE imaging system
- Everything required, from gel loading to gel imaging and quantification with up to 100 samples



## ORDERING INFORMATION

gelLITE*	gelLITE Gel Documentation System 240V/50Hz with 302nm UV transilluminator and UV imaging filter		
gelLITEPRO*	gelLITE Gel Documentation System 240V/50Hz with 302nm UV transilluminator, white light converter screen and UV imaging filter		
gelLITE PROSAFE*	gelLITE Gel Documentation System 240V/50Hz with 302nm UV transilluminator, white light and blue light converter screens and UV imaging filter		
gelLITESAFE*	gelLITE Gel Documentation System 240V/50Hz and blue light converter screen		
gelLITEPACK*	Complete Gel Documentation Workflow kit 240V/50Hz including gelLITE gel documentation system, multiSUB Midi agarose gel tank, reagents and accessories		
WLC-3023	Visible light converter screen, 30x23cm	CSL-UVPS22	UV Transparent Cutting Platform 22 x 22cm
BLC-2126	UV to Blue light converter screen, 21x26cm, for safe dyes	CS-FSG-58	Safe stain filter to be combined with the blue light converter screen

\* Other voltage/Hz combinations available