



gelPRO is a high resolution automated system which offers a complete solution to all fluorescence and visible nucleic acid and protein imaging, analysis and documentation needs. The system can also be upgraded to acquire chemiluminescence and multiplex images

This top of the range automated gel documentation system with smart motor driven feedback zoom lens and filter wheel enables the user to save protocol and acquire further images at the click of a button.

KEY FEATURES

- Upgradeable to chemiluminescence
- Spacious darkroom - view up to 25x30cm gels
- 5 MP camera resolves close bands and detects nanogram amounts
- Automated or manual acquisition options for increased versatility
- genePIX acquisition software can be used in a 21CFR Part 11 compliant environment



TECHNICAL SPECIFICATIONS

| CAMERA | |
|--|--------------------|
| IMAGE RESOLUTION (MEGAPIXELS) | 5 |
| EFFECTIVE RESOLUTION (MEGAPIXELS) | 15.3 |
| A/D | 12/16 BIT |
| GREYSCALES | 65 536 |
| QUANTUM EFFICIENCY @ 425NM | 52% |
| COOLING - REGULATED | N/A |
| LENS (MOTOR DRIVEN) | F1.2 WITH FEEDBACK |
| FILTER WHEEL (7 POSITION) | ● |
| UV FILTER* | ● |
| USE WITH EXTERNAL PC | ● |
| DARKROOM - STANDARD | ● |
| FURTHER LIGHTING OPTIONS | |
| EPI LED WHITE LIGHTS | ● |
| EPI UV 302NM** | ● |
| VISIBLE LIGHT CONVERTER (33 x 31 cm) | ● |
| WHITE LIGHT PAD FOR VISIBLE STAINS (20 x 14 OR 20 x 30 cm) | ● |
| ULTRABRIGHT LED BLUE LIGHT TRANSILLUMINATOR (20 x 16 cm) | ● |
| UV TRANSILLUMINATOR 302NM (25 x 30 cm)*** | ● |
| DIMENSIONS | |
| MAXIMUM IMAGE AREA (CM) | 32.5 x 24.1 |
| MINIMUM IMAGE AREA (CM) | 5.6 x 4.2 |
| W x H x D (CM) | 57 x 84 x 45 |
| WEIGHT (KG) | 37 |
| SUPPLY VOLTAGE (V AC) | 115 / 240 |

workflow

- gelPROPACK includes multiSUB Screen electrophoresis system, powerPRO 500 power supply, agarose gel reagents and gelPRO imaging system
- A huge maximum sample limit of 672
- gelPRO can be upgraded to chemiluminescence for western blot imaging



ORDERING INFORMATION

| | | | |
|--------------|--|--------------|---|
| gelPRO-302E* | Gel Documentation System 240v/50H with 302nm UVT (other wavelengths available) for fluorescence and visible applications | | |
| gelPROPACK* | Complete Gel Documentation Workflow kit including gelPRO gel documentation system, multiSUB Screen agarose gel tank, reagents and accessories. | | |
| CS-BLC | UV to Blue light converter, Size 25x30cm, suitable for DNA safe dyes | CS-EPIUV | 2 x UV module - with 302nm tubes for TLC plates |
| CS-WLC | UV to Visible light converter, Size 30.5x33cm | UVSHIELD2530 | UV Blocking Shield for band cutting |
| CS-WLPAD | 20 x 14 cm Fold down white light pad with brackets | | |

*Other voltage/Hz combinations available