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Gel documentation system, U:Genius



Applications include: Electrophoresis gels including: ethidium bromide, Coomassie® blue, Silver stain, SYBR® gold, SYBR® green, SYBR® safe, Ultra Safe blue, GelStar®, SYPRO® red, SYPRO® ruby, SYPRO® orange, Fluorescein, Rhodamine Red™, Texas Red®, Pro-Q® Diamond and Deep Purple™, agar plates, cells in flasks, autoradiographs, membranes, spots and slot blots, microtitre plates.

- Compact stand alone imaging system for gel documentation and analysis fluorescence applications
- Simple touch screen software
- Features a compact darkroom, with sliding front door and internal LED white light
- High resolution 3MP camera with 16 bit output, manual zoom lens and manual filter drawer with optional interchangeable filters (includes a UV filter)
- USB port on front, hard disk and network connectable
- Easily serviceable
- Image enhancements and annotations for publication
- Save images in TIFF, BMP or JPEG format
- Complete with GeneTools image analysis software

Two options of transilluminator - both models can slide out of the darkroom to aid cutting and viewing

- Slimline 302nm transilluminator for UV applications - can be used with an optional converter for white light applications
- Ultra slim LED blue light transilluminator can also be used for imaging Safe dyes

This unique system is based on an embedded Windows™ XP processor and provides a powerful image capture and storage device. A large touch screen gives instant access to a range of functions. An internal hard disk and a USB port allow the user to choose how the images are archived. The system can also be networked using the ethernet connection. This easy to use system comes complete with Syngene's powerful GeneTools analysis software.

Technical Specification

Camera	16bit EDR Sensor: 1/2 inch Zoom: 6.5mm to 39mm, f/1.4 Resolution: 3MP
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Electrical supply	230V, 50Hz
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Catalogue No	Legacy No	Alt. No	Description
12884008	-	UGEN3	U:Genius compact imaging system for gel documentation

Accessories

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Catalogue No	Legacy No	Alt. No	Description
12853998	-	GE-2020M	200mm x 200mm mid wave UV transilluminator
12844008	-	GE-2020L-E	200mm x 200mm long wave UV transilluminator
12854008	-	GE-2020S-E	200mm x 200mm short wave UV transilluminator
14894801	-	GE-ULTRA-SLIM-LED	Blue slimline LED transilluminator, 100mm x 120mm sliding tray
12894058	-	GE-CONVERT5	UV to white light converter
12873978	-	P93DW	Digital thermal printer
12804038	-	GE-NFS	Neutral field screens
12824008	-	GENETOOLS-MPCS	GeneTools 1D analysis software (molecular weight), for pattern matching, spot/blot analysis and colony counting
12834008	-	GENEDIRECTORY-DB	Database software

Spare parts

Catalogue No	Legacy No	Alt. No	Description
12883978	-	K65HM	Matt thermal paper
12893978	-	K91HG	Glossy thermal paper
12873998	-	MWT8	8W tube for medium wave UV transilluminators
12883998	-	LWT8	8W tube for long wave UV transilluminators
12863998	-	SWT8	8W tube for short wave UV transilluminators