1

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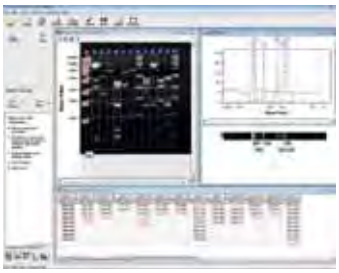

1 2 Gel documentation system microDOC with UV-Transilluminator

NEW!

Cleaver Scientific

Recently upgraded with a new 10 megapixel digital CCD camera to guarantee superb resolution, the microDOC is the researchers choice for a simple ultra-compact gel documentation system that meets constraints in both budget and space within the laboratory. A large 8" TFT screen enables images, including agarose and fluorescent gels, colorimetric gels, autoradiography film and blotting membrane, to be captured in colour, clearly and easily. The system is computer-free and supplied with a 2MB storage card and 58mm ethidium bromide filter as standard, while an optional SYBR filter is also available. Files are saved onto the 2MB storage card in RAW, TIFF-RGB and JPEG formats and may be transferred to computer for analysis with the highly recommended TotalLab™ 1D software.

Printer: The Mitsubishi P93 is a high speed, high resolution thermal printer that is perfectly suited to printing images directly from the microDOC. Connected to the microDOC by a BNC cable, the Mitsubishi P93 prints 325dpi images, up to 133 x 99mm in size. Thermal printer paper is also available.

microDOC BASIC: The microDOC BASIC is a simple low-cost system comprising a lift-off dark room hood and 10 megapixel digital camera, through which the gel is viewed directly. This system can be supplied with optional TotalLab 1D Analysis Software and any one of the 21 x 21cm transilluminators listed on page 42.

TotalLab™ 1D software: is supplied only as part of a complete package with each of the microDOC and transilluminator options. Its main functions include: lane creation, background subtraction, band detection, profile deconvolution, and molecular size, pI and quantity calibration. More sophisticated TotalLab™ Quant and Phoretix standalone software options are available for 1D applications that require band matching, array, colony counting and image ToolBox functionalities.

Specifications

Camera:	
Type	5x optical/4x digital zoom camera
Effective Pixels	10 megapixels
CCD	1/1.7" high-density CCD
Maximum Aperture	f/2.8 (W) ~ f/4.5 (T)
Shutter Speed	15 ~ 1/4000s
Filters	+3 Close up and EtBr; optional SYBR green
Storage Media	2MB memory card
Computer Interface	USB 2.0 Hi Speed (mini-B jack)
Video Out	NTSC/PAL
Darkroom:	
Multi-power Source	For camera, inner white LED,
Capture	Manual-save in BMP format
Inner White Light	2x3W LED
Safety Device	Safety door switch
Weight & Dimensions	6.1kg; 290x220x320mm
Voltage Rating	110~220V
Screen:	
Type	8" TFT
Resolution	600x800 Pixels
Brightness	350 cd/mm²
Constant Ratio	300 : 1
Display Mode	NTSC/PAL/SECAM mode auto switching

Description	PK	Cat. No.
Compact Geldocumentationssystem	1	**6.231 823**
microDOC with UV-Transilluminator 312nm	1	**9.584 755**
microDOC with UV-Transilluminator 254/312nm	1	**9.584 756**
microDOC with UV-Transilluminator 254/365nm	1	**9.584 757**
microDOC basic system with lift-off dark room hood and camera only	1	**9.584 758**
Compact Geldocumentationssystem*	1	**9.584 759**
microDOC with UV-Transilluminator 312nm*	1	**9.584 760**
microDOC with UV-Transilluminator 254/312nm*	1	**9.584 761**
microDOC with UV-Transilluminator 254/365nm*	1	**9.584 762**
microDOC basic system with lift-off dark room hood and camera only*	1	**9.584 763**

* incl.Analysis Software TotalLab1D.