

# microDOC

## gel documentation

Now upgraded with a new 12.1 megapixel digital camera\*, with improved high-sensitivity CMOS sensor and the latest image processor to guarantee superb resolution, the microDOC is the researcher's 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 4GB storage card and 55mm ethidium bromide filter as standard, while an optional SYBR filter is also available. Files are saved onto the 4GB storage card in RAW, TIFF-RGB and JPEG formats and may be transferred to computer for analysis with the highly recommended TotalLab™ 1D software (see catalogue pg 66).

### 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.

### Wireless Transfer

An optional memory card with Wi-Fi technology may be used within the microDOC camera to facilitate instantaneous wireless transfer of images to a designated computer or network drive with the software installed. Set-up requires a broadband internet connection and a DHCP-enabled wireless router. Minimum system requirements for software installation are Windows XP (Service Pack 3).

### microDOC BASIC

The microDOC BASIC is a simple low-cost system comprising a lift-off dark room hood and 12.1 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 21x21cm transilluminators listed on catalogue page 67.

\*At time of publication

### Features

- 12.1 Megapixel digital camera with improved high-sensitivity CMOS sensor and DIGIC 5 processor\*
- Image visualised within a large 8" TFT colour monitor
- Light weight compact hood with easy access door and built-in inner lights
- Safety switches disconnect the UV source when the easy access door is opened
- Computer-free operation
- Available on its own with camera and darkroom, or as a complete gel documentation system with transilluminator, either with or without software
- Transilluminators supplied in single and dual wavelength formats - see catalogue page 67
- Optional TotalLab™ 1D analysis software and wireless memory card



microDOC with UV Transilluminator option

## Technical Specifications

Camera:	
Type	1/1.7-inch type CMOS sensor with DIGIC 5 processor
Zoom	5x optical / 4x digital
Effective Pixels	12.1 megapixels
Max. Aperture	f/1.8 (W) - f/2.8 (H)
Shutter Speed	15 - 1/4000s. (total range)
Filters	+3 Close up and EtBr; optional SYBR green
Storage Media	4GB memory card; optional Wi-Fi memory card
Computer Interface	Hi-Speed USB (Mini-B compatible)
Video Out	NTSC/PAL
Darkroom:	
Multi-Power Source	For camera, inner white LED, TFT screen
Inner White Light	2x3W LED
Safety Device	Safety door switch
Weight & Dimensions	6.1kg; 29x22x32cm
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



microDOC Basic

## Ordering Information

Gel Documentation Systems	System only	Including TotalLab 1D Analysis
Compact Gel documentation system	CSL-MICRODOC	CSL-MICRODOC1D
microDOC System with UV Transilluminator (UVT312)	CSL-MDOCUV312	CSL-MDOCUV3121D
microDOC System with UV Transilluminator (UVT254)	CSL-MDOCUV254	CSL-MDOCUV2541D
microDOC System with UV Transilluminator (UVT365)	CSL-MDOCUV365	CSL-MDOCUV3651D
microDOC System with UV Transilluminator (UVT254/312)	CSL-MDOCUV254/312	CSL-MDOCUV254/3121D
microDOC System with UV Transilluminator (UVT254/365)	CSL-MDOCUV254/365	CSL-MDOCUV254/3651D
microDOC System with UV Transilluminator (UVT312/365)	CSL-MDOCUV312/365	CSL-MDOCUV312/3651D
microDOC Basic System with lift-off dark room hood and camera only	CSL-MDOCBASIC	CSL-MDOCBASIC1D
<b>Accessories</b>		
Mitsubishi Thermal Printer for use with Microdoc - 110 - 240V	CSL-PRINT	
Microdoc ethidium bromide filter	CSL-MDOCEB	
Microdoc SYBR filter	CSL-MDOCSBRG	
Replacement printer paper	CSL-PRTPAP	
UV to white light conversion screen for transilluminator	CSL-UVSCRN	
White light box for Micro doc	CSL-MDOCWLB	
Optional 4GB wireless memory card	CSL-MDOC-WIFI	



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.