

# Gel Documentation

## microDOC

- 8.0 mega pixel digital camera
- Image is viewed from a 8" TFT colour monitor
- Light weight compact hood with easy access door and inner built in lights
- Can be used computer free
- Safety door switch
- Includes flash card, flash card reader and Ethidium bromide filter

microDOC is a simple, inexpensive and ultra compact gel documentation system. It contains a 16 bit CCD digital camera with a superb resolution of 8.0 mega pixels. For added convenience, limited space and budget requirements, microDOC can be used computer free. The image is viewed from a large 5.6" TFT colour liquid crystal display. A variety of images can be captured from agarose and other fluorescent gels, colorimetric gels, auto radiography film, and blotting membranes. The system is fitted with a 55mm ethidium bromide filter and has a safety switch to turn off the UV Transilluminator when the door is opened. Files can be saved in a variety of formats for transfer to computer systems for storage and analysis. microDOC can be directly connected to a thermal printer - CSL-PRINT - or to many other commercially available printers.



Complete range of gel documentation, chemiluminescent and fluorescent systems available, please inquire



easily lifted on and off transilluminator



high resolution 8MB digital camera



separate power and light switches



internal illumination when door is open

### Technical Specifications

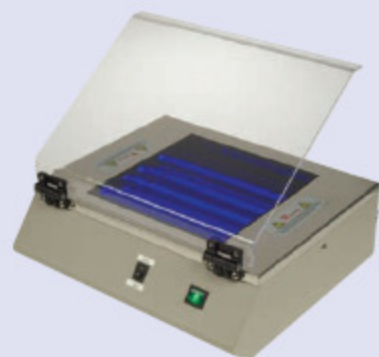
Camera:	
Effective pixels:	8.0 million
CCD:	2/3" high-density CCD; total pixels 8.31 million
Max field of view:	29 x 22 cm
Image resolution:	640 x 480 up to 3,264 x 2,448
Lens:	8 x optical zoom 8.9~71.2 mm
F / -number:	f/2.8~f/4.2
File formats:	RAW/TIFF-RGB, JPEG
Auto focus:	Contract-detect through-the-lens (TTL) AF with AF-assist illuminator.
Focus-area selection:	Five-area multi AF, manual selection available
Filter:	55 mm Ethidium Bromide
Hood:	
Multi power source:	For camera, inner light lamp, TFT screen
Inner white lamp x 2 tubes	
Safety door switch:	Shuts down UV transilluminator when the door is opened
5.7" TFT liquid crystal screen	
Display format:	960 x 234 mm
Luminance:	250 cd/mm
Display mode:	NTSC/PAL mode switchable Video and audio input
Hood dimension:	290 x 220 x 320mm (WxDxH)

### Ordering Information

CSL-MICRODOC	microDOC System, including 8.0 mega pixel digital camera, camera adaptor, 5.7" TFT colour screen, EtBR filter, camera hood		
CSL-MDOCUV254/312	microDOC with UV Transilluminator, 254/312 nm	CSL-MDOCEB	Ethidium Bromide filter
CSL-MDOCUV312	UV Transilluminator, 312 nm	CSL-MDOCSBRG	SyBr Green Filter
CSL-MDOCUV254/312	UV Transilluminator, 254/312 nm	CSL-PRINT	Thermal Printer
		CSL-PRTPAP	Replacement paper for thermal printer.
		CSL-UVSCRN	UV to white light Transilluminator screen converter

For 110 V AC, please add '-S' as a suffix to the appropriate code

## UV TRANSILLUMINATORS



These UV Transilluminators are multitasking workstations which offer an ultra-violet source for the analysis of fluorescently stained DNA, RNA, and Protein electrophoresis gels. These also offer space to place tube racks, cutting tools or waste agarose gel, ideal when there is a need to cut bands.

These new generation UV transilluminators include a specially designed safety UV leakage indicator which changes colour when UV light is detected. Each model includes a High Low intensity switch. A new and high quality starter ensures that the UV tubes energise immediately and without flickering. This feature extends the life of the tubes. Two Dual wavelength models offer added flexibility and convenience.

- Three wavelength options: 254/312/365 nm - two Dual wavelength models
- Long life filter
- High efficiency reflector
- Hi / Lo intensity switch
- Fast start up

### Technical Specifications

Filter size	20 x 20 cm
Light source:	8W x 6 tubes
UV resistant plastic cover:	33 x 25cm (WxD)
Unit Dimensions WxDxH	34 x 29.5 x 10cm

### Ordering Information

CSL-UVTS312	UV Transilluminator small, 20 x 20 cm, 312 nm	Replacement Parts	
CSL-UVTS312	UV Transilluminator small, 20 x 20 cm, 254/312 nm	CSL-T254	8W 254 nm UV bulb
CSL-UVTS312	UV Transilluminator small, 20 x 20 cm, 254/312 nm	CSL-T312	8W 312 nm UV bulb
		CSL-T365	8W 365 nm UV bulb
		CSL-F	20 x 20 cm filter
		CSL-C	UV protected cover

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