

documentation

- 8.0 MEGA PIXEL DIGITAL CAMERA
- 5.7" TFT COLOUR MONITOR FOR CONVENIENT VIEWING OF IMAGE
- LIGHT WEIGHT COMPACT HOOD
- FRONT DOOR FOR EASY ACCESS
- INTEGRAL MICROSWITCH TURNS OFF UV TRANSILLUMINATOR AND TURNS ON INTERNAL LIGHT
- CAN BE USED WITHOUT A COMPUTER
- 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, autoradiography 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. This also activates internal light for convenient gel manipulation. Files can be saved in a variety of formats for later transfer to computer systems for storage and analysis. microDOC can be directly connected to thermal printer, BCPNRT - or to many other commercially available printers.



easily lifted on and off transilluminator



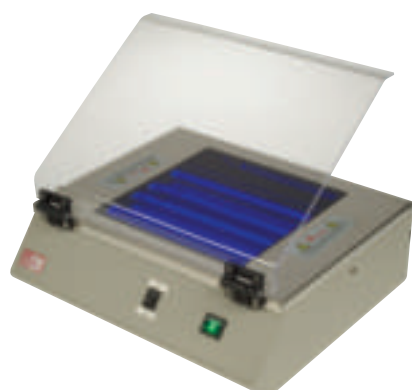
high resolution 8Mb digital camera



separate power and light switches



internal illumination when door is open



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 gel 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.

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
LENSES:	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:	2 TUBES
SAFETY DOOR SWITCH:	SHUTS DOWN UV TRANSILLUMINATOR WHEN 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)

- 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

BCMCRDC	microDOC System, including 8.0 mega pixel digital camera, camera adaptor, 5.7" TFT colour screen, EtBR filter, camera hood				
MDOCEB	Ethidium Bromide filter	UVSCRN	UV to white light Transilluminator screen converter	PRTTAP	Replacement paper for thermal printer
MDOCSBRG	SyBr Green Filter	BCPRT	Thermal Printer		

UV Transilluminators

UVTSS12	UV Transilluminator small, 20 x 20 cm, 312 nm
UVTSDUO	UV Transilluminator small, 20 x 20 cm, 254/365 nm
UVTSDUO312	UV Transilluminator small, 20 x 20 cm, 254/312 nm

Replacement Parts

T254	8W 254 nm UV bulb	BCF	20 x 20 cm filter
T312	8W 312 nm UV bulb	BCC	UV protected cover
T365	8W 365 nm UV bulb		

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