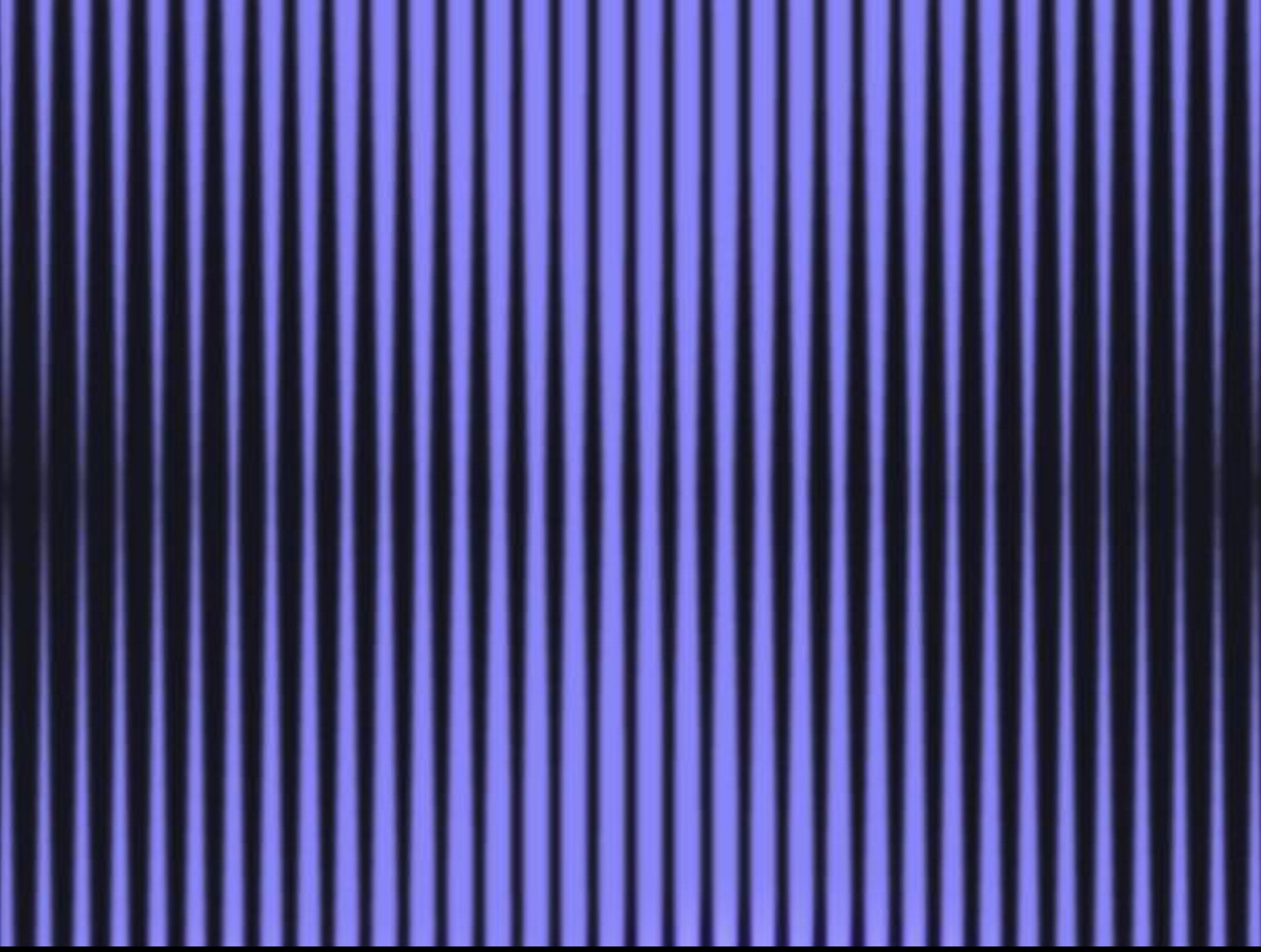


THISTLE SCIENTIFIC

microDOC™ Gel Documentation

An ultra-compact, computer-free gel documentation system with a 24.1 megapixel Wi-Fi digital camera and large 8″ colour monitor. Supplied with camera and darkroom alone, or as a complete system with single or dual wavelength UV transilluminator, with or without TotalLab™ 1D analysis software.

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microDOC™



With UV transilluminator



8″ TFT colour monitor



Camera and filter slide



microDOC™ BASIC

Key Features

- 24.1 megapixel built-in Wi-Fi digital camera with improved high-sensitivity CMOS sensor and processor
- Image visualised on a large 8″ TFT colour monitor
- Lightweight 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; images saved in RAW and JPEG to the supplied 8 GB storage card
- Available with camera and darkroom only, or as a complete system with transilluminator, with or without software
- Transilluminators supplied in single and dual wavelength formats
- Optional TotalLab™ 1D analysis software

Overview

Now upgraded with a new 24.1 megapixel digital camera, improved high-sensitivity CMOS sensor and the latest image processor for 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 lets you capture agarose and fluorescent gels, colorimetric gels, autoradiography film and blotting membranes in colour, clearly and easily. The system is supplied with an 8 GB storage card and a 55 mm ethidium bromide filter as standard; an optional SYBR filter is also available. Files can be transferred to a computer for analysis with the highly recommended TotalLab™ 1D software.

Wireless Transfer

The microDOC™ includes convenient wireless transfer of images to a PC or smart device — no cable connection required.

microDOC™ BASIC

A simple low-cost system: a lift-off darkroom hood and 24.1 megapixel digital camera, through which the gel is viewed directly. Available with optional TotalLab™ 1D software and any of our 21 × 21 cm transilluminators.

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Technical Specification

Camera	Detail
Type	CMOS sensor with DIGIC 4+ processor
Lens type	Canon EF/EF-S 18–55 mm
Effective pixels	24.1 megapixels
Max. aperture	f/2.8 (W) – f/5.6 (H)
Shutter speed	30 – 1/4000 s (total range)
Camera filter	+3 close-up
Storage type	SD, SDHC, SDXC (UHS Speed Class 1 compatible)

Darkroom	Detail
Multi-power source	For camera, inner white LED, TFT screen
Inner white light	2 × 3 W LED
Safety device	Safety switch cuts UV when door is opened
Weight	7.7 kg
Dimensions, with camera	29 × 22 × 51.5 cm
Dimensions, without camera	29 × 22 × 49.6 cm
Voltage rating	110–220 V

Screen	Detail
Type	8″ TFT
Resolution	1924 × 768 pixels
Brightness	300 cd/m²
Contrast ratio	450 : 1 (typical)
Display mode	NTSC / PAL, switchable

Camera and screen specification may change.

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Ordering Information – Gel Documentation Systems

System	System only	Including TotalLab™ 1D software
Compact gel documentation system	CSL-MICRODOC	CSL-MICRODOC1D
microDOC with UV transilluminator (UVTS312)	CSL-MDOCUV312	CSL-MDOCUV3121D
microDOC with UV transilluminator (UVTS254)	CSL-MDOCUV254	CSL-MDOCUV2541D
microDOC with UV transilluminator (UVTS365)	CSL-MDOCUV365	CSL-MDOCUV3651D
microDOC with UV transilluminator (UVTS254/312)	CSL-MDOCUV254/312	CSL-MDOCUV254/3121D
microDOC with UV transilluminator (UVTS254/365)	CSL-MDOCUV254/365	CSL-MDOCUV254/3651D
microDOC with UV transilluminator (UVTS312/365)	CSL-MDOCUV312/365	CSL-MDOCUV312/3651D
microDOC BASIC – lift-off darkroom hood and camera only	CSL-MDOCBASIC	CSL-MDOCBASIC1D

Accessories

Item number	Description
CSL-MDOCEB	microDOC™ ethidium bromide filter
CSL-MDOCSBRG	microDOC™ SYBR filter
CSL-UVSCRN	UV to white light conversion screen for transilluminator, for protein gels
CSL-MDOCWLB1D	White light box for microDOC™, for protein gels

Supplied as Standard

Item	Detail
Storage card	8 GB SD card (RAW and JPEG)
Emission filter	55 mm ethidium bromide filter
Transilluminators	21 × 21 cm, single (254, 312 or 365 nm) or dual wavelength

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