Cleaver Scientific Ltd

EXPERTS IN ELECTROPHORESIS

HORIZONTAL GEL SYSTEMS

TYPICAL APPLICATIONS

Take image while gel is still in the electrophoresis system. Quick and simple to use Increase productivity as no need to move gel to a documentaion system.

FEATURES:

- Gel documentation system designed exclusively for runVIEW™
- Lightweight darkroom hood fits quickly and easily over gel tank and base unit, allowing gels to be imaged as the bands migrate in real-time or at the end of the electrophoresis run
- Extractor fans in the bluVIEW lid and runDOC darkroom hood keep the gel free of condensation when imaging both during and after electrophoresis
- High resolution 12.1 megapixel camera with 8GB memory card for storage of images in RAW and JPEG formats
- Interchangeable filter slide and bluVIEW filter options for full flexibility: amber filter for runSAFE, SYBR and green fluorescence; and orange filter for EtBr and red fluorescence
- runDOC may be also used like an ordinary gel documentation system by placing the gel tray directly on the runVIEW™ base station, which acts as a transilluminator
- Complete system with laptop and software available

runDOC

Gel documentation for real-time horizontal electrophoresis

runDOC is a portable, lightweight gel documentation system designed exclusively for the runVIEW™ real-time horizontal electrophoresis system. runDOC comprises a darkroom hood and 12.1 megapixel digital camera to capture images of runVIEW™, and EtBr- and SYBR-stained gels. The runDOC darkroom is placed directly over the RVMSCHOICE gel tank located on the runVIEW™ base unit, which contains a blue LED gel illuminator. The blue LED illuminator provides the excitation source for the DNA gel located within the tank, and following excitation the light emitted is then visualised using either one of the bluVIEW lid options supplied with runVIEW™ or the runDOC filter slide. runDOC has a small footprint area, occupying minimal space within the laboratory.

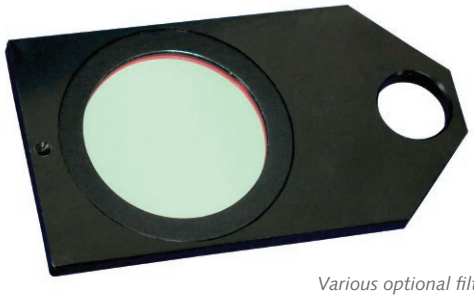
TECHNICAL SPECIFICATION

Camera		Lens	
Type	5x optical / 4x digital zoom	Focal Length	6.1-30.5mm
	DIGIC-5 processor		
Effective Pixels	12.1MP	Aperture	f/1.8(W)-f/2.9(T)
Image Resolution	640x480 up to 4000x3000	Shutter Speed	15-1/4000s
Sensor	1/1.7" type high sensitivity CMOS	Filters	
File Format	RAW, JPEG	runDOC filter slide	Orange filter for EtBr;
			Amber filter for SYBR and runSAFE
Computer Interface	USB 2.0 Hi-speed (mini-B-jack)	bluVIEW lid options*	bluVIEW-orange for EtBr
Video Out	NTSC / PAL		bluVIEW-amber for SYBR and runSAFE
General			
Storage Media	8GB SD Memory Card		
Weight / Dimensions (WxDxH)	0.8Kg / cm		
Power	Rechargeable Li-ion battery and plug-in charger		
	Optional mains cable charger available		
Laptop requirements	1.8GHz Pentium® IV or equivalent AMD Athlon® processor; 512MB memory; operating system Windows® XP SP3 onwards; 1GB storage and CD-ROM drive; 1 USB port 2.0; video resolution: 1280 x 800		

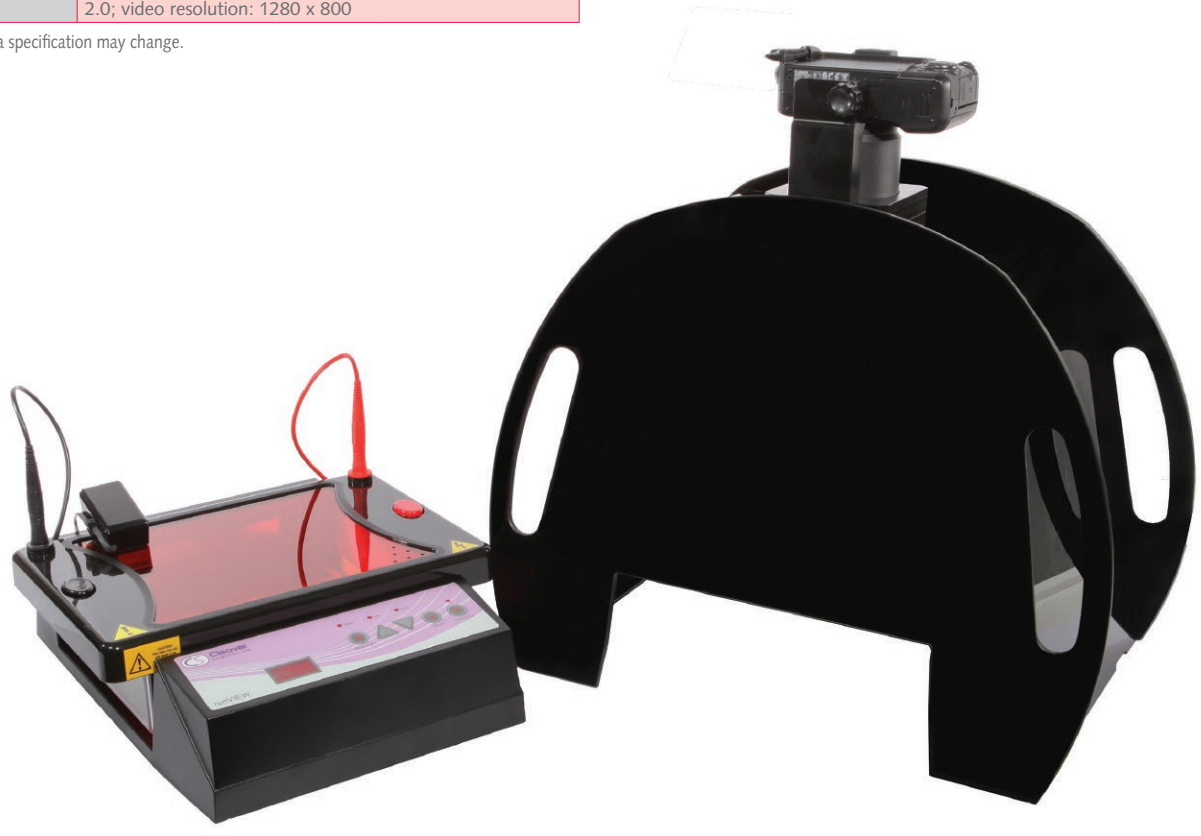
Camera specification may change.

ORDERING INFORMATION

Code	Description
CSL-RVGELDOC	runVIEW™ gel Documentation hood with 12.1MP camera
CSL-RVGELDOCSYS	runVIEW™ gel Documentation hood with camera, Laptop & 1D Analysis Software
RVGELDOC-F1	Orange Filter for runDOC (Ethidium Bromide)
RVGELDOC-F2	Amber Filter for runDOC (runSAFE and SYBR stains)
CSL-CAMCHARGER	Optional mains charger cable for 12.1MP camera
CSL-RVSTATION	runSTATION complete with CSL-RVGELDOC & CSL-RVMSCHOICETRIO (Pg 28)
CSL-RVGDCOMPLETE	RVGDCOMPLETE includes RVGELDOCSYS and RVMSCHOICETRIO



Various optional filters available



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