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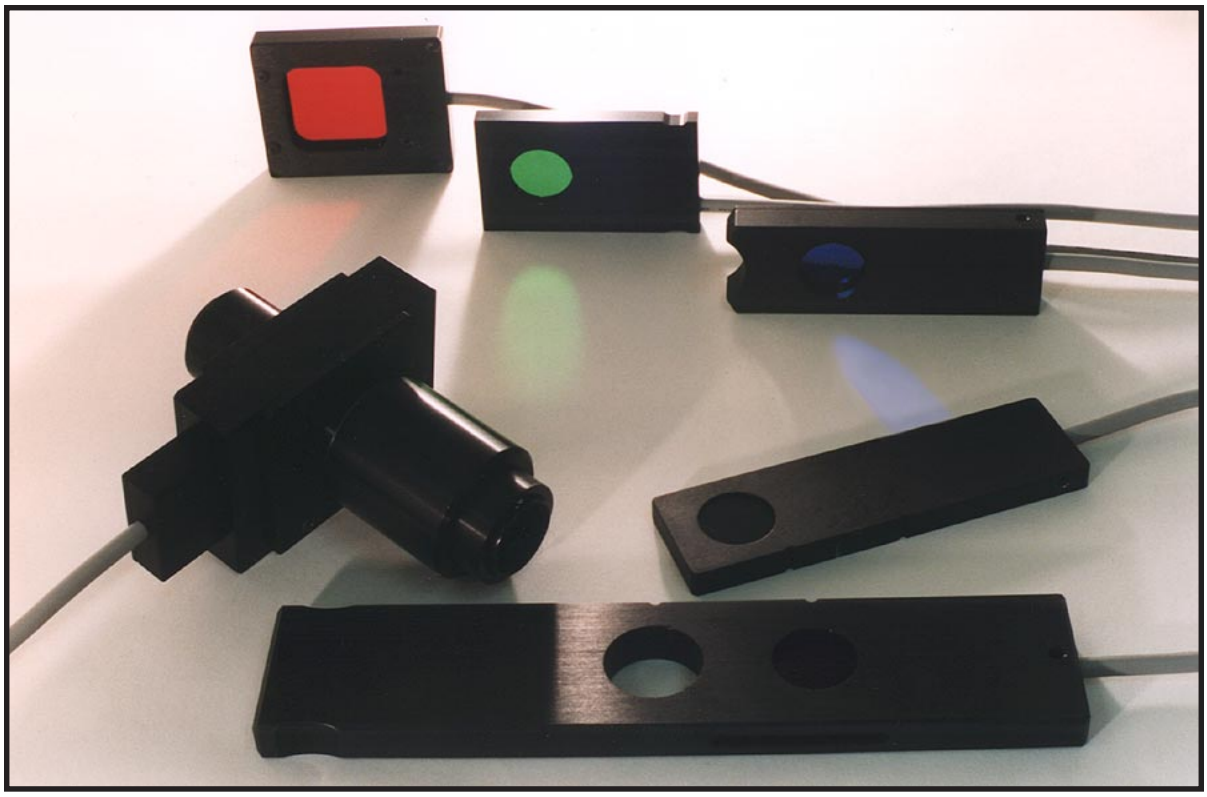
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Micro*Color™

Microscope Color Accessory

*The Micro*Color filter gives you high-quality scientific color imaging using your existing grayscale CCD camera.*



Now you can take both grayscale and color images using the monochrome CCD camera you already own, using the Micro*Color™ filter from CRI, the worldwide leader in liquid crystal (LC) color imaging technology.

The Micro*Color imaging package integrates an elegant 22 mm aperture tunable filter slider for your microscope with your existing grayscale digital camera. Precise and quantitative red, green, and blue color images are captured when the slider is in place. When the slider is retracted, grayscale data can be captured. It only takes a few seconds to switch from one mode to the other, since there are no cumbersome filter wheels or separate glass filters to position.

CRI's easy-to-use Windows 95™/98™ or Windows NT™ "Capture" software automates the image-acquisition process. Use third party software is also available for a complete image acquisition and analysis package.

- Triple resolution compared with painted-pixel CCD cameras
- Liquid crystal tunable RGB filter
- No moving parts
- Sliders available for the analyzer slots of most microscopes
- 1x C-to-C Coupler available
- Uninterpolated full-color information at every pixel
- Take outstanding color pictures with your B/W digital camera
- Image capture and analysis software available



Figure 1. A 1x C-to-C parfocal coupler is also available for the C-mount camera port on most microscopes.

CRI, Inc. 35-B Cabot Road, Woburn, MA 01801 Tel: 781.935.9099 Fax: 781.935.3388 Toll Free: 1.888.372.1242 email: sales@cri-inc.com website: www.cri-inc.com

Micro*Color™

Microscope Color Accessory

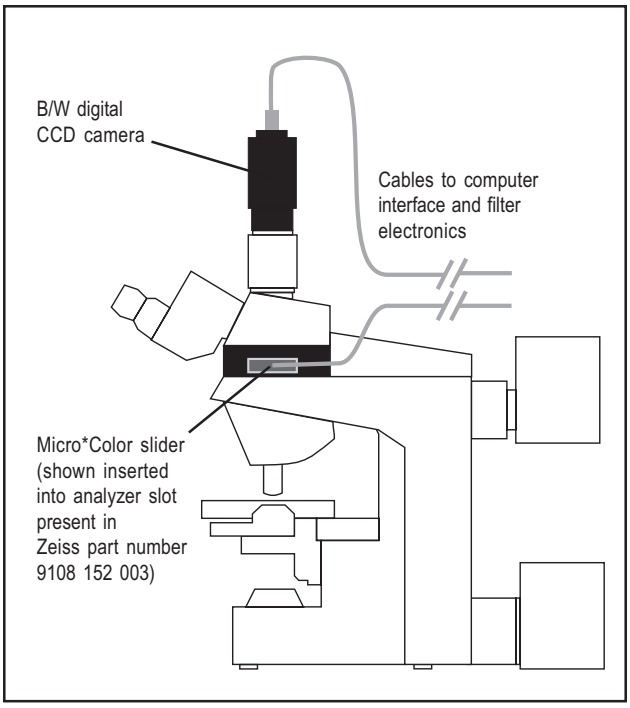


*Figure 2. The Micro*Color microscope accessory's slider mechanism shown on a Zeiss Axioskop with your existing grayscale digital CCD camera.*

ORDERING INFORMATION

- RGB-MS-C, Micro*Color filter kit with 1x C-to-C Coupler
- RGB-MS-O, Micro*Color filter kit with Olympus slider for BX-series and IX-series (fits into U-TAD size nosepiece slot)
- RGB-MS-N, Micro*Color filter kit with Nikon slider for Eclipse 1000 and 800 series
- RGB-MS-Z, Micro*Color filter kit with Zeiss slider for Axioplan, Axioskop, and Axiophot series (fits into analyzer slot built into microscopes similar to the Axioplan 2, below trinocular head)

WARRANTY

One year full parts and labor warranty against defects in manufacture or materials.

Spectral and polarization imaging solutions
from the world leader in liquid crystal based optical detection solutions

Call Toll Free 1.888.372.1242

GENERAL

The Micro*Color filter gives you precise digital, true quantitative color imaging in a system much more accurate than conventional color cameras, and with the advantage of being able to effortlessly switch between color and grayscale modes.

By taking each color plane in sequence and in perfect registration, the Micro*Color captures the exact color information at each pixel with no interpolation necessary. This effectively triples the resolution in comparison with an ordinary "painted" pixel CCD camera, where only one color is recorded per pixel. This also avoids the color shading inherent in designs which use three CCDs.

COMPATIBILITY

Cameras	*Software*[1]
Apogee Instr.	CRI Capture (included free with filter)
Cooke Corp.	Media Cybernetics ImagePro Plus 4.0
Hamamatsu	Scanalytics IPLab Spectrum
Kodak	Universal Imaging Corp. MetaMorph
PixelVision	Improvision Openlab
Q Imaging	PixelVision PixelView
Roper Scientific	QED Image
Thompson-CSF	Zedec QuantIm
	Compix SimplePCI

SPECIFICATIONS

Free CRI Capture Software	Windows 95/98/NT 4.0 compatible
Computer required	Pentium, 90 MHz or better
RAM for software	32MB or better
LC filter aperture	22 mm square
Slider dimensions	Varies with microscope, See CRI publications "Micro*Color, 1x C-to-C Coupler for Microscope Camera Port" and "Micro*Color, Microscope Sliders"
Computer interface[2]	Parallel or serial bus / TTL sync
Color states	RGB
Power	110/220 VAC @50/60 Hz
Operating temperature	10° – 40° C
Storage temperature	-15° – 55° C

[1]Third-party software packages can be used for image capture and analysis.

[2]Cables and adapters are included for use with Windows-compatible parallel (COM) or serial (LPT) ports, as well as Macintosh GeoPorts.

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