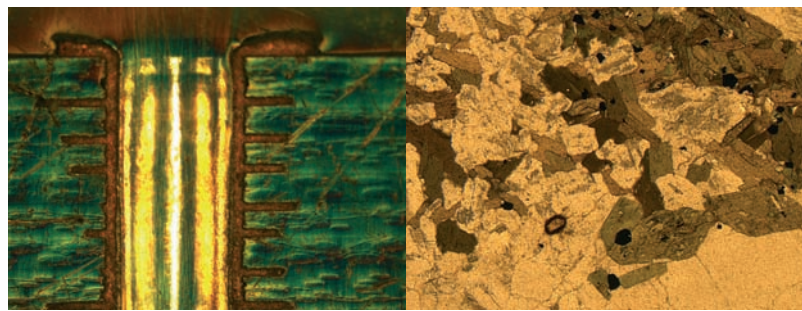
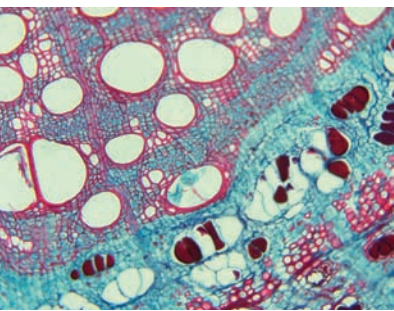




## ProgRes® C3 and C5

Easy and Perfect Reproduction of Colors



### Making Superior Image Quality Affordable

Ease of operation, high resolution and excellent color reproduction are the distinguishing features of the two microscope camera models ProgRes® C3 and ProgRes® C5. With 3 and 5 megapixel resolution, both the cameras are ideal tools for high-quality image documentation and elementary image analysis.

### Convenient to Use

For daily tasks in laboratory routine, these cameras deliver perfect images at the touch of a button, controlled by ProgRes® CapturePro, an intuitive image acquisition software that provides comprehensive functionality for working with Microsoft Windows® or Apple Macintosh® operating systems. The camera control has already been directly integrated in many of the established image processing software packages. Hence, you are free to fully concentrate on your current project task.

### Easy to Connect

Configured with standard interfaces such as C-Mount and IEEE1394 Firewire, each camera model easily connects to any microscope and computer.

### Versatile in Application

Each camera model can work in all contrast methods in light microscopy and is optionally available with cooling.

### Benefits

- Perfect color reproduction
- Outstanding image quality
- Easy operation
- For all contrast methods in light microscopy
- Safe investment
- Excellent price-performance ratio

# ProgRes® C3 and C5

## Easy and Perfect Reproduction of Colors

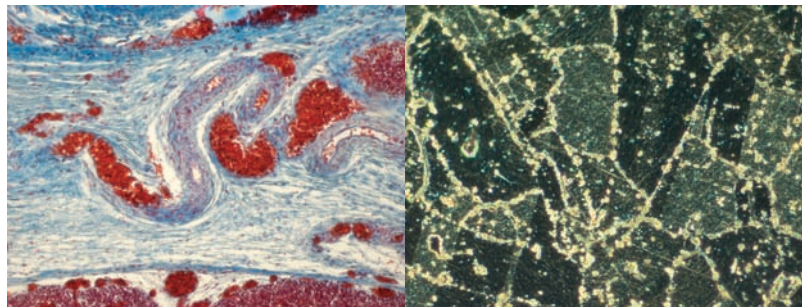
### Specifications

	ProgRes® C3	ProgRes® C5
CCD sensor	1/2" 3.3 Megapixel Color CCD Active area: 7.2 mm × 5.3 mm	2/3" 5.0 Megapixel Color CCD Active area: 8.8 mm × 6.6 mm
Sensor resolution	2080 × 1542 pixel	2580 × 1944 pixel
Pixel size	3.45 µm × 3.45 µm	3.4 µm × 3.4 µm
A/D conversion	3 × 12 Bit RGB	3 × 12 Bit RGB
Pixel clock	12 MHz	12 MHz   18 MHz
Dynamic range	61 dB	61 dB   60 dB
Max. exposure	180 s	180 s
Frame rate (image size)	18 fps (692 × 512)	21 fps (644 × 490)
Image resolution	Standard: 2080 × 1542 Progressive Scan: 346 × 256 and 692 × 512 Binning: 2x, 3x, 4x, 5x	2580 × 1944 644 × 490 and 1290 × 972 2x, 3x, 4x, 5x
Cooling	optional	optional
Digital interface	IEEE1394a Firewire	IEEE1394a Firewire
Optical connection	C-Mount (0.5× TV adapter recommended)	C-Mount (0.63× TV adapter recommended)
Tripod thread	Dual thread 3/8" and 1/4"	Dual thread 3/8" and 1/4"
Voltage supply	8 ... 33 VDC (via IEEE1394 connector)	8 ... 33 VDC (via IEEE1394 connector)
Power consumption	approx. 4 W	approx. 6 W
Ambient conditions	Temperature: +5 °C ... +35 °C Humidity: 5 % ... 80 %, not condensing	Temperature: +5 °C ... +35 °C Humidity: 5 % ... 80 %, not condensing
Dimensions (L × W × H)	89 mm × 84 mm × 93 mm	89 mm × 84 mm × 93 mm
Weight	780 g	780 g
Capture software	ProgRes® CapturePro (TWAIN & Stand-Alone)	ProgRes® CapturePro (TWAIN & Stand-Alone)
Computer requirements	PC: Microsoft Windows 2000/XP/Vista Mac: Apple Macintosh OS X 10.4 or higher 3 GHz CPU, 1 GB RAM, 64 MB graphics IEEE1394 Firewire (OHCI compliant)	PC: Microsoft Windows 2000/XP/Vista Mac: Apple Macintosh OS X 10.4 or higher 3 GHz CPU, 1 GB RAM, 64 MB graphics IEEE1394 Firewire (OHCI compliant)

It is our policy to constantly improve the design and specifications. Accordingly, the details represented herein cannot be regarded as final and binding.

#### Fields of Application

- Materialography
- Petrography
- Quality control
- Geology
- Mineralogy
- Pathology
- Hematology
- Histology
- Cell biology
- Forensics



JENOPTIK | Optical Systems  
Digital Imaging Business Unit  
JENOPTIK Laser, Optik, Systeme GmbH  
Goeschwitzer Strasse 25 | 07745 Jena | Germany  
Phone +49 3641 65-3083 | Fax -2144  
progres@jenoptik.com | www.progres-camera.com