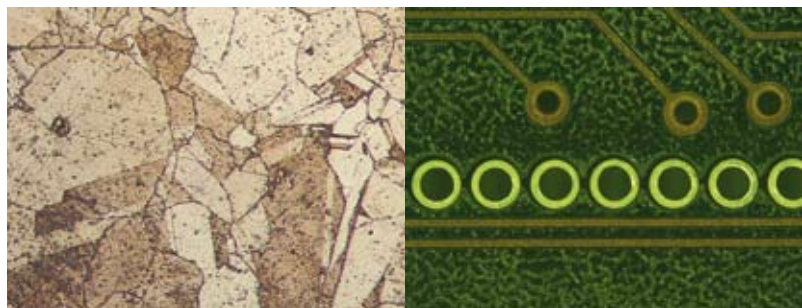
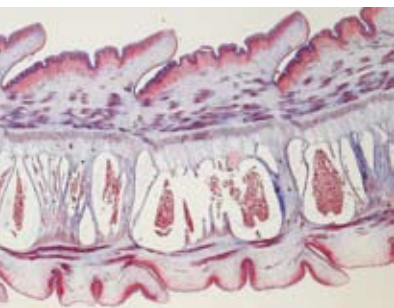


ProgRes® CT3

Experience the High Level CMOS-Camera



Fast Live Image

The digital microscope camera ProgRes® CT3 allows for quick and precise setting of specimen and microscope, and hence provides comfortable operation. The fast live image, available in several resolutions, meets the requirements of professionals and makes the ProgRes® CT3 a first choice imaging solution for usage in education institutes and training labs.

High Resolution and good Color Reproduction

Best image quality is the speciality of ProgRes® cameras. Providing a resolution of up to 3 megapixel and a subtle color differentiation, the ProgRes® CT3 captures excellent digital images, especially when contrast methods with high light intensities are applied. The integrated CMOS sensor is absolutely resistant against blooming and shows superior performance in imaging highlights.

Fits easily into any Laboratory

Configured with standard interfaces such as C-Mount and IEEE1394 Firewire, the ProgRes® CT3 easily connects to any microscope and computer.

Versatile Application

Delivery includes ProgRes® CapturePro image acquisition software with comprehensive functionality designed for intuitive handling. The ProgRes® CT3 is dedicated to brightfield and reflective light microscopy, but also suitable for many other contrast methods.

Benefits

- High frame rates
- Good color reproduction
- Easy operation with comprehensive functionality
- Safe investment
- Excellent price-performance ratio

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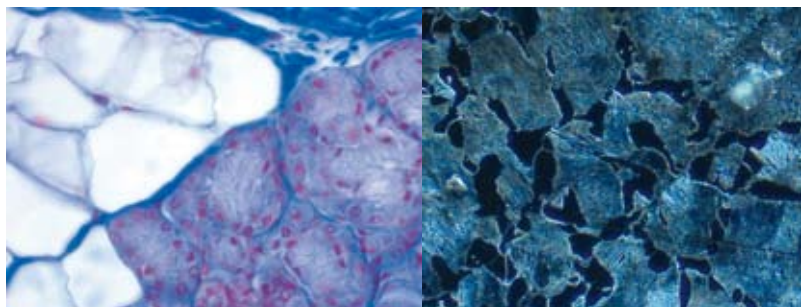
Specifications

ProgRes® CT3	
Image sensor	1/2" 3.15 Megapixel Color CMOS, active area: 6.55 mm × 4.92 mm
Sensor resolution	2048 × 1536 pixel
Pixel size	3.2 µm × 3.2 µm
A/D conversion	3 × 10 Bit RGB
Pixel clock	36 MHz
Dynamic range	58 dB (measured at 10 ms exposure)
Max. exposure	3 s
Analog gain	—
Max. frame rate (image size)	35 fps (682 × 512)
Image resolution	Standard: 2048 × 1536
	Binning: 1024 × 768 (2× binning) and 682 × 512 (3× binning)
Cooling	—
Digital interface	IEEE1394a Firewire
Optical connection	C-Mount (0.5× TV adapter recommended)
Trigger	Via control software
Tripod thread	Dual thread 3/8" and 1/4"
Voltage supply	8 ... 33 VDC (via IEEE1394 connector)
Power consumption	approx. 2.5 W @ 12 VDC
Ambient conditions	Temperature: +5 °C ... +35 °C
	Humidity: 5 % ... 80 %, not condensing
Dimensions (L × W × H)	89 mm × 84 mm × 93 mm
Weight	672 g
Capture software	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)

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

- Material science
- Pathology
- Quality control
- Image Archiving
- Image documentation
- Education and teaching



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