

it's time to change your point of view



Inspect the Detail – ProgRes™ C12^{plus}

Publish and present the results of your analysis in premium quality! The new **ProgRes™ C12^{plus}** is based on the proved successful **ProgRes™ C10^{plus}** microscope camera. This 5 Megapixel camera defines itself by easy operation and excellent colour reproduction. The high resolution and the large sensor format of this camera allow you to visualize an enlarged image field and enables you to capture highly detailed images of your specimen.

The **ProgRes™ C12^{plus}** covers all routine applications in bright-field, dark-field and in fluorescence microscopy.

The intuitive image capture software provides a wide range of useful features: noise minimization for long exposure, shading correction, fine-focusing as well as colour-, gamma- and contrast adjustment both in a fast live image and in a full-screen live image. The turbo-mode boosts the frame rate on high performance computers.

Of course, the **ProgRes™ C12^{plus}** runs under MS Windows® as well as Apple Macintosh and can be integrated into your favourite image analysis software using the TWAIN Plug-In.

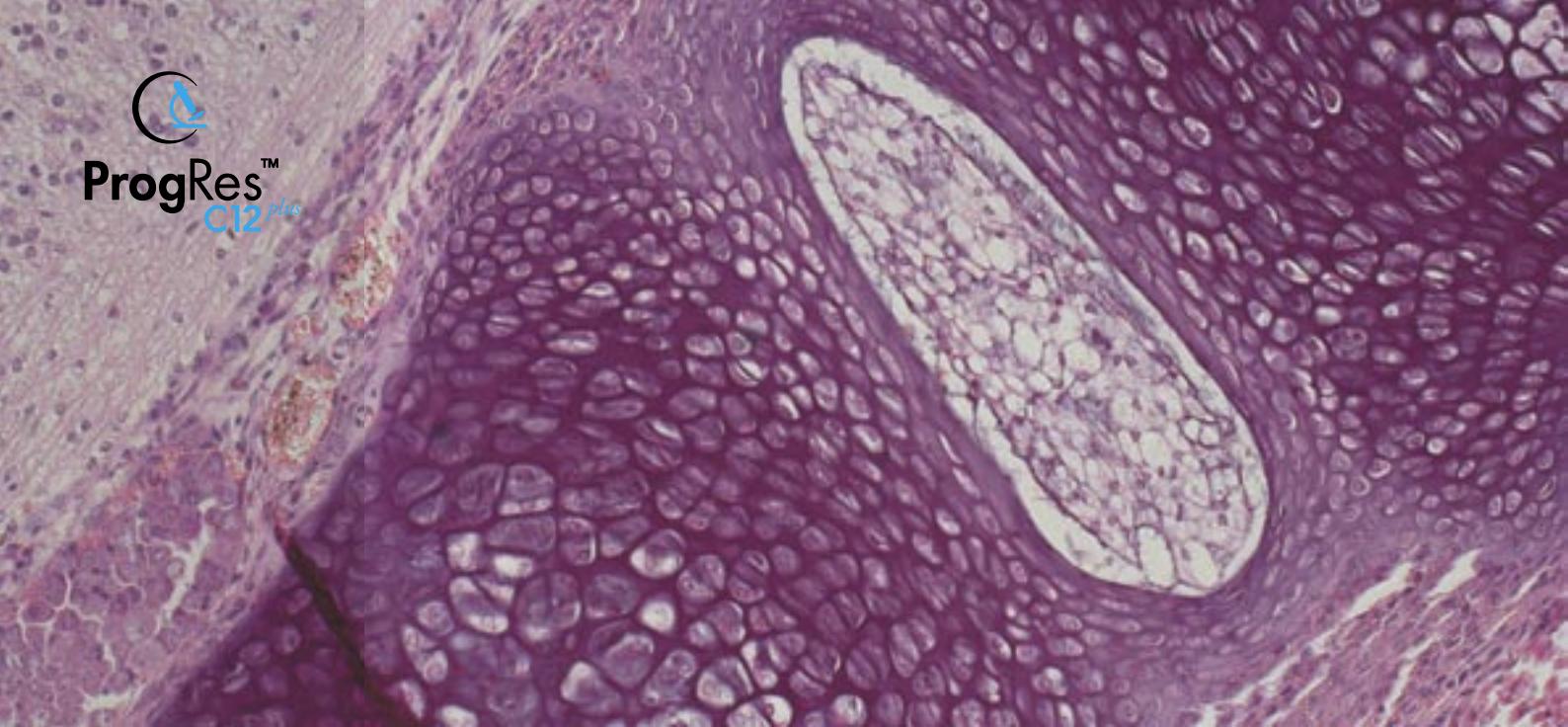
ProgRes™ C12^{plus}

- *High resolution for fine details.*
- *36 bit colour digitization.*
- *Easy connectivity via C-Mount, FireWire® and TWAIN.*
- *Intuitive image capture software for MS Windows® and Apple Macintosh.*
- *Best images for best price.*



ProgRes™
C12^{plus}

JENOPTIK-Group.



Main application areas

- Material Sciences
- Quality Control
- Pathology
- Histology
- Haematology
- Forensics
- Repro-Photography

Technical Data – ProgRes™ C12^{plus}

CCD Sensor	2/3" 5.02 Megapixel Interline CCD Image Sensor Type: Sony Super HAD CCD ICX282AQ with RGB colour mask and micro lenses Active Area 8.8 x 6.6 mm ²
Pixel array Pixel size IR cut-off filter	2580 x 1944 3.4 x 3.4 µm ² Hoya C500S
Dynamic range Digital output Exposure time	typ. 60 dB 3 x 12 bit RGB 0.2 ms to 180 s
Image resolution	Programmable Resolution 644 x 490 (Progressive Scan) 1290 x 972 (Progressive Scan) 2580 x 1944 (High Quality & Fluorescence)
Digital interface Optical interface Tripod thread	IEEE 1394a FireWire® (power supply & data transfer) 0.63x TV Adapter recommended for microscopes Dual thread 3/8" and 1/4"
Software	ProgRes™ Capture Basic for MS Windows® 2000/XP (TWAIN and Stand-Alone) ProgRes™ Camera Software for Apple Macintosh OS X (in preparation)
Hardware requirements	PC: Pentium IV 1.6 GHz or better; 512 MB RAM; IEEE 1394a FireWire® (OHCI Standard) MAC: G4 or better; 512 MB RAM
Power consumption Weight Dimension Operating conditions	6 W 780 g 145 x 93 x 123 mm (L x W x H) Temperature: +5°C to +35°C Humidity: 5%–80%, not condensing

This design and related specifications are subject to continuously ongoing development. We reserve the right to make changes in the interest of technical progress.

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