



Trade Press Release

Page: 1 of 2  
Date: 1. September 2016

## Jenoptik Completes Portfolio of Microscope Cameras

From September 2016, the PROGRES GRYPHAX® KAPELLA, RIGEL and PROKYON cameras will complete Jenoptik's USB 3.0 product series, making it an attractive option for scientific use.

The new microscope cameras in the [PROGRES GRYPHAX® series](#) have been developed specifically for scientific applications in difficult lighting conditions. They are equipped with the latest CMOS sensor technology. With this development, Jenoptik has a USB 3.0 camera portfolio with which every microscope can be upgraded to become a modern, digital workspace.

Scientists working with poorly illuminated or weakly transmitting samples will benefit from the wide-ranging capabilities of the CMOS sensors used. The high level of quantum efficiency and the considerable dynamic range, coupled with very low noise, are properties that set new standards. Active sensor cooling for exposure times of up to two minutes is no longer required.

The [PROGRES GRYPHAX® KAPELLA](#) is a sensitive color camera for challenging samples and lighting conditions. It offers scientific users a new level of image dynamics and richness of detail. The [PROGRES GRYPHAX® RIGEL](#) is the monochrome counterpart to the KAPELLA and is the most sensitive camera in the entire portfolio.

The [PROGRES GRYPHAX® PROKYON](#) camera, the flagship of the PROGRES GRYPHAX range, combines the best properties of all the models. It is the perfect all-round camera, capable of dealing with all aspects of microscopy through its image resolution of between 2.3 and 20.7 megapixels. Jenoptik is thereby continuing to invest in microscanning and color co-site sampling technologies. True colors can now be determined at speeds never previously achieved.



Page: 2 of 2  
Date: 1. September 2016

The operating software included is tailored precisely to the requirements and workflows of the user. With its especially short operating paths, the multifuorescence tool facilitates work in such applications. The software can be installed quickly and is operated in the same way on different computer operating systems such as Macintosh, Windows and Linux OS. Use is intuitive and therefore simple, giving users maximum flexibility when it comes to upgrading their microscopes. All PROGRES GRYPHAX® microscope cameras are available now.

More information can be found at [www.jenoptik.com/progres](http://www.jenoptik.com/progres).  
A high-resolution product image is available for download from the [Jenoptik image database](#).

Jena, September 1<sup>st</sup>, 2016

## About Jenoptik and the Healthcare & Industry division

As an integrated photonics group, Jenoptik divides its activities into five divisions: Optical Systems, Healthcare & Industry, Automotive, Traffic Solutions and Defense & Civil Systems.

In the [Healthcare & Industry](#) division Jenoptik develops specific system and application solutions for customers worldwide in the healthcare sector and industry. The focus is on medical technology and life science as well as laser, automotive and lighting applications. The product portfolio includes semiconductor chips, optoelectronics, laser technology, polymer optics, electronics and software. Jenoptik combines them to OEM system solutions and products for the life science industry, such as analysis and treatment systems for research, clinical applications, and patient self-diagnosis. For industrial applications, Jenoptik offers high-performance optoelectronic components and modules as well as integrated solutions. They include complex components for head-up displays, innovative lenses for driver assistance systems and polymer optics for machine vision or augmented reality applications. In the area of industrial lasers for laser material processing, Jenoptik is active in the entire laser value creation chain.

## Contact

Denise Thim  
Manager Communications and Marketing  
Healthcare & Industry Division

Phone: +49 3641 65-4366 | Fax: -4011  
[healthcare@jenoptik.com](mailto:healthcare@jenoptik.com) | [www.jenoptik.com](http://www.jenoptik.com)