



TRIO 620

HD Redefined

Carl Zeiss has raised the bar taking high-definition (HD) video resolution to the next level. The first apochromatic 3-Chip HD camera system focuses all three wavelengths on the same plane to provide the sharpest, most detailed images possible. This advanced optical solution combines high definition with high performance in the most compact package available – bringing the viewer that much closer to reality.



TRIO 620 HD Redefined

TRIO 620, the first apochromatic 3-Chip HD camera system, offers clinicians a unique HD experience – especially for live demonstrations, teaching presentations, patient consultations and documentation.

Designed with the user in mind

The TRIO 620 is custom designed for the OPMI® Pentero® surgical microscope. For the first time, the camera head has been combined with the beam splitter in one single unit. Attaching the TRIO 620 to the surgical microscope couldn't be easier.



The unique TRIO 620 is easy to attach

All of the necessary cables are already pre-installed in OPMI Pentero's sleek design.

This maintains the freedom of movement and the ergonomics for the primary surgeon and co-observer.

Ready to use

Light sensitivity and color settings are equally easy to configure via the camera control unit TRIO 600. These features save time and provide the best results for various surgical disciplines and applications.



Ergonomics and freedom of movement are unchanged

Technical Data

TRIO 620 with CCU TRIO 600

Camera optics	Apochromatic HDTV optics f=50mm
Image sensor	1/3" Progressive Scan 3 CCD
Resolution	1920 x 1080 pixels
Aspect ratio	16:9
Video standards	1080p, 1080i, 720p, PAL (50Hz), NTSC (59,94 Hz)
Digital video output ports	HD-SDI, HDMI / DVI
Analog video output ports	Composite-VBS, S-Video Y/C, YPbPr Component
Signal-to-noise ratio	54dB



Achieve best results conveniently via the pre-settings of the camera control unit TRIO 600

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