

ORCHIS
GO DIGITAL!

SURGICAL WORKPLACES



MAQUET surgical lights are the world's leader in design and innovation.

As an optical expert, MAQUET has developed a digital zoom camera system that is an outstanding visual aid for the surgical team.

MAQUET - The Gold Standard



Camera control unit: an intuitive design for an efficient workflow.

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ORCHIS: GO DIGITAL!

MAQUET – THE GOLD STANDARD



Share, teach and broadcast in digital

- Outstanding picture quality with high resolution and exceptional color rendering
- 36 X optical zoom provides clear details suitable for all surgical video applications
- Enhanced contrast for rendering of precisely defined structures
- Fast, accurate information dissemination for thorough communication between OR staff

Cost-effective camera

- Flexible, multi-use design: suitable for all MAQUET surgical lights—mounted at the center of the light head or on a separate arm
- Integration-ready with serial link interface
- Easy-to-use and time-saving with its intuitive design: promotes improved workflow efficiency inside the OR
- Smooth surfaces and quick-to-clean for an hygienic environment

Technical data

CCD sensor	1/4" CCD
Effective number of pixels	380,000 (NTSC) or 440,000 (PAL)
Horizontal resolution (at center) (LVT)-Standard NTSC or PAL	460 or 470
Aspect Ratio	4:3
S/N ratio (dB)	> 50
Lens (zoom range)	36x motorized zoom
Focal length (mm/inch)	f= 3.4 to 122.4/0.1 to 4.8
Mini. working distance (mm/inch)	320 (wide end) to 1,500 (tele end) / 12.6 (wide end) to 59 (tele end)
Aperture	F1.6 to F4.5
Antiflicker	built-in
Autofocus	built-in
Freeze	built-in
Contrast enhancement	built-in
Sensitivity (lx)	1.4 (F1.6, 50 IRE)
Location of camera	Center of the lighthead / Separate arm
Control box power supply	100-240 V ; 50/60 Hz ; 50 VA
White balance	Auto/manual
Foot control	Optional
Control box	Mobile
Video signal outputs	Composite (2x) ; SDI (2x)
Serial link interface	RS-232/RS-485

MAQUET SA Quality System is certified according to:
 ISO 9001: 2008
 NF EN ISO 13485: 2004
 NF EN ISO 14001: 2004



Directive 93/42/EEC (Medical Devices)

