



RUCK

SAFETY

Time exposure
indicator

VERSATILE

Optional filters: 435, 475 or 515nm



COMFORT

Dual light outlets with
separate control

**STATE OF THE ART
MADE IN GERMANY**

FLEXIBLE

Automatic fiber detection

Qube[®] xenon illumination LS

Xenon light source for the posterior eye segment

Qube[®] xenon illumination LS

XENON LIGHT SOURCE FOR THE POSTERIOR EYE SEGMENT



2 light outlets and time exposure indicator



2 integrated and 3 cut-off filters



Light fibers in 20G, 23G and 25G

SAFETY

- Automatic fiber detection
- 2 independent xenon lights
- Time exposure indicator showing the maximum permissible exposure (MPE) based on 10J/cm² energy density
- Integrated filter block UV and IR light

LIGHT FIBERS

- Fibers single-use, sterile
 - Straight: 23G and 25G
 - Wide: 20G, 23G and 25G
 - Wide angled, shielded: 20G, 23G and 25G
- Numerical Aperture (NA): 0.5

FLEXIBILITY

- 3 different plug-in filters for special surgical interventions
- Park position for one fiber
- Separately adjustable dual light outlets
- Mobile

DEVICE

- Dimensions: 338 x 190 x 364mm (w x h x d)
- Weight: 15kg
- Power supply: 100/120/230VAC; 50-60Hz
- Housing protection: IP21

LIGHTING

- 2 integrated UV and IR filter: 420 and 700nm
- 3 variable filter for special surgical interventions
 - 435nm for vitrectomy and general membrane removal
 - 475nm for membrane adherent to retina removal
 - 515nm for macular repair
- 2 xenon lights of 100W each
- Maximal intensity: 25lm at 23G light fibers

MANUFACTURER

Fritz Ruck Ophthalmologische Systeme GmbH
Ernst-Abbe-Str. 30 b
52249 Eschweiler, Germany

ORDERING INFORMATION

	Designation	Description	Article no.	Qty. per unit
Light source Qube® xenon illumination LS (QLS)	Qube® xenon illumination LS	Xenon Light Source for illuminating the posterior eye segment in combination with the intended light fibers. The device is equipped with two integrated lights and a power cord.	00QX01	1
	435nm Cutt-off filter QLS	Cut-off filter for wavelengths of λ 435nm. Intended to be used for general membrane removal.	01QX35	1
	475nm Cutt-off filter QLS	Cut-off filter for wavelengths of λ 475nm. Intended to be used for membrane adherent to retina removal	01QX75	1
	515nm Cutt-off filter QLS	Cut-off filter for wavelengths of λ 515nm. Intended to be used for macular repair	01QX15	1
Spare part QLS	100W Xenon lamp QLS	Replacement lamp	01QX50	1
QLS Light Fibers, single use, sterile	Light fiber, 20G, wide angled with QLS connector	QLS light fiber with wide angled illumination in 20G	03QX22	5
	Light fiber, 20G, wide angled with QLS connector	QLS light fiber with wide angled, shielded illumination in 20G	03QX24	5
	Light fiber, 23G, straight with QLS connector	QLS light fiber with straight illumination in 23G	03QX30	5
	Light fiber, 23G wide angled with QLS connector	QLS light fiber with wide angled illumination in 23G	03QX32	5
	Light fiber, 23G, wide angled, shielded with QLS connector	QLS light fiber with wide angled, shielded illumination in 23G	03QX34	5
	Light fiber, 25G, straight with QLS connector	QLS light fiber with straight illumination in 25G	03QX50	5
	Light fiber, 25G, wide angled with QLS connector	QLS light fiber with wide angled illumination in 25G	03QX52	5
	Light fiber, 25G, wide angled, shielded with QLS connector	QLS light fiber with wide angled, shielded illumination in 25G	03QX54	5

Fritz Ruck Ophthalmologische Systeme GmbH

Ernst-Abbe-Str. 30b | 52249 Eschweiler | Germany | phone +49 (0) 24 03 - 94 55-0 | fax +49 (0) 24 03 - 94 55-50 | info@ruck-gmbh.de | www.ruck-gmbh.de