



Qamara 

Rigid Endoscopic Systems

2023



Time

Our team,

Consisting of technicians and engineers who have joined our company since 2012. Our young, dynamic and eager to learn team not only consciously applies their experience and certified process operations at all stages of production, but also transfers them to newly joined team members. In this way, both high quality consistency in our company and personal career progression are provided.

Our clean, well-intentioned and hardworking team is our company's most valuable investment and success. We thank them individually.



Menagement team

Our management team,

It consists of experienced academic engineers and administrators who have been operating in the sector since 2008.

Our interest in the product and our long-standing experience, combined with honesty and hard work principles, form a management team that constantly improves itself and its team.

The solid unity we have demonstrated not only allows us to make firsts in Turkey, but also enlightens us for the new projects we aim to achieve.



Our company,

Qamara Endoskopi Medikal Sistemler San. Ve Tic. Ltd. Şti. was established in 2020. The purpose of the establishment is to transform our experience and accumulation gained in 14 years into the product, to develop perfect endoscopic devices in every aspect. As a result of our R&D studies, a facility capable of producing precise optical systems within Qamara Endoskopi was built and more than 180 rigid endoscope models were developed. We obtained ISO and CE certificates for our products, all designs and copyrights of which are reserved in our company, and we ensured ÜTS registrations of all our products in 2022. As a result of these strategic and technological moves, we have raised our homeland among the few countries that can produce endoscopic optical systems.

Our Mission,

As we all see, the Republic of Turkey has made significant progress in various fields of science and technology and has succeeded in producing internationally recognized products. In recent years, more importance is given to high technology. Along with many branches under the name of "high technologies" - optics, optoelectronics, and optomechanical engineering are also included. Indeed, medical, civil, and defense industry cannot be imagined without the optical industry. In this context, increasing our optical research and development studies within our company, making scientific and technological cooperation at regional and international levels, is our most important mission.



Our vision,

Historically, Turkish lands have not only served as a bridge between civilizations, but, along with the surrounding geography, have periodically played the role of a regional center for the development of culture, science, and technology. After a long stagnation, today we are witnessing the growth of Turkey in the advanced areas of science and technology, just as it was centuries ago. Despite economic shocks and pandemic crises, Turkey has shown a steady direction of positive development. One of the most important advanced, scientific, and technical fields where progress has been made is optics. The vision of Qamara Endoscopy is to take on the role of a regional center in the development of endoscopic optics.

The Birth of Optics as a Science,

In the 9th century AD, Ibn al-Haytham, who was born in Basra, made numerous contributions in the fields of mathematics, mechanics, physics, and astronomy as a universal scientist. However, his seven-volume "Book of Optics" stands out among his other works.

By presenting a theory of vision that is synonymous with reality and science in the field of physiological optics, he became the founder of many technical terms used in modern ophthalmology, such as cornea and retina, and provided an accurate representation of binocular vision.

In the 12th century, the work under discussion was translated into Latin under the title "Treasure of Optics" and had a great influence on the development of optics in Europe. The first major European work on optics, Witelo's Perspective, is largely a revision of Ibn al-Haytham's treatise.

Ibn al-Haytham and Qamara,

Ibn al-Haytham, who solved many optical problems, put forth the first prototype of the modern camera, conducted optical experiments with it, and created various technical and astronomical calculation images. Ibn al-Haytham, who named his first camera prototype "Hucret al-Muzlima" (dark room), wanted to make this name short and concise over time, and inspired by the Arabic word for the moon that comes out in the night darkness - قمر (Qamar), he named his invention Qamara.



So much so that Ibn al-Haytham's successful invention and name, Qamara, has become the basic source of the modern Camera both in name and substance. The "Qamara Endoscopy" team, who came across this fact while conducting their own research, proudly carries the name found by him by reflecting the researcher and scientific tradition initiated by Ibn al-Haytham to the present day.



Hasan ibn El-Haysem
965 - 1040

No compromise on quality!

The priority of our company is patient safety, customer satisfaction, and flawless quality. In fulfilling these criteria, we have ensured the control of all stages from raw material procurement to the moment of shipment to our customers according to ISO 13485. As Qamara Endoscopy, we have proven our commitment to high quality through audits conducted by certified organizations. All our rigid endoscope varieties have received CE quality certificates and have been registered in the UTS system.

CERTIFICATE



EC Certificate
Full Quality Assurance System according to
Medical Devices Directive 93/42/EEC Annex-II Section 3
Certificate Number: 1984-MDD-21-833

We hereby declare that an examination of the under mentioned full quality assurance system has been carried out following the requirements of the national legislation to which the undersigned is subjected, transposing annex II (with the exemption of section 4) of the Directive 93/42/EEC on medical devices. We certify that the full quality assurance system conforms with the relevant provisions of the aforementioned directive.

Organization:
QAMARA ENDOSKOPI MEDİKAL SİSTEMLER SANAYİ VE TİCARET LTD. ŞTİ.

İkitelli OSB Mah. Giyim Sanatkarları 3B Blok Sok. 3B Blok, No: 3B İç Kapı No: 518 Başakşehir/İstanbul, Turkey

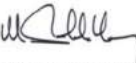
Product: Rigid Endoscope Devices

The certificate is valid till expiration date, subject to successful completion of periodical surveillance audits. Please contact Kiwa for details.

Report Number: M.6176.01
Expiry Date: 27 May 2024

Kiwa Belgelendirme Hizmetleri A.Ş. is Notified Body under Council Directive 93/42/EEC concerning medical devices with identification number: 1984

22 May 2021, İstanbul, Turkey


Muhtesem Gökhan Yücel
Head of Notified Body

Kiwa Belgelendirme Hizmetleri A.Ş.
TÜSB 9. Cadde No: 25 Tepeören Tuzla
İstanbul / Turkey
Tel: +90 216 593 25 75
Faks: +90 216 593 25 74
info@kiwa.com.tr
www.kiwa.com.tr

Kiwa Belgelendirme Hizmetleri A.Ş.
TÜSB 9. Cad. No:15 Tepeören Tuzla, İstanbul, Turkey
Tel: +90 216 633 26 76, Fax: +90 216 633 26 74
Web: www.kiwa.com.tr, e-mail: posta@kiwa.com.tr

CERTIFICATE

CERTIFICATE



QAMARA ENDOSKOPI MEDİKAL SİSTEMLER SANAYİ VE TİCARET LTD. ŞTİ.

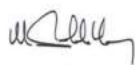
İKITELLİ OSB MAH. GİYİM SANATKARLARI 3B BLOK SOK. 3B BLOK, NO: 3B İÇ KAPI NO: 518 BAŞAKŞEHİR - İSTANBUL - TURKEY

DESIGN, MANUFACTURING, SALES, DISTRIBUTION AND TECHNICAL SERVICE OF ENDOSCOPY EQUIPMENTS

with a scope of

EN ISO 13485:2016
Has established a management system in accordance with international Medical Devices Quality Management System Standard
"Following elements of the standard are excluded"
"7.3.3" "7.3.5" "7.3.7" "7.3.9.2"

Certificate No : M 11625
Initial Certification Date : 31 May 2021
Certification Date : 31 May 2021
Expiration Date : 30 May 2024


General Manager

Kiwa Belgelendirme Hizmetleri A.Ş.
TÜSB 9. Cadde No: 25 Tepeören Tuzla
İstanbul / Turkey
Tel: +90 216 593 25 75
Faks: +90 216 593 25 74
info@kiwa.com.tr
www.kiwa.com.tr

Certificate is valid till expiration date, subject to successful completion of periodical surveillance audits. Please contact above numbers for detailed information.

Max Modified: 31 May 2021 - 8:00

CERTIFICATE

CERTIFICATE



EC DECLARATION OF CONFORMITY
QAMARA ENDOSKOPI MEDİKAL SİSTEMLER SANAYİ VE TİCARET LİMİTED ŞİRKET
İKITELLİ OSB MAH. GİYİM SANATKARLARI 3B BLOK SK. 3B BLOK NO: 3 B İÇ KAPI NO: 518 BAŞAKŞEHİR/ İSTANBUL

Description Of The Product
Ürünün Tanımı
Product Type / Ürün Tipi

LED ışık kaynağı, 99 Watt, REF-Endolight 99	LED light source, 99 Watt, REF-Endolight 99
LED ışık kaynağı, 120 Watt, REF-Endolight 120	LED light source, 120 Watt, REF-Endolight 120
LED ışık kaynağı, portatifli röle, aqrü, REF-Endolight Strobo	LED light source, portable handle, rechargeable, REF-Endolight Strobo
Fiber optik kablo, REF-FOR-350-1800	Fiber optic cable, REF-FOR-350-1800
Fiber optik kablo, REF-FOR-350-2100	Fiber optic cable, REF-FOR-350-2100
Fiber optik kablo, REF-FOR-350-2400	Fiber optic cable, REF-FOR-350-2400
Fiber optik kablo, REF-FOR-350-2500	Fiber optic cable, REF-FOR-350-2500
Fiber optik kablo, REF-FOR-350-3000	Fiber optic cable, REF-FOR-350-3000
Fiber optik kablo, REF-FOR-500-1800	Fiber optic cable, REF-FOR-500-1800
Fiber optik kablo, REF-FOR-500-2100	Fiber optic cable, REF-FOR-500-2100
Fiber optik kablo, REF-FOR-500-2400	Fiber optic cable, REF-FOR-500-2400
Fiber optik kablo, REF-FOR-500-2500	Fiber optic cable, REF-FOR-500-2500
Fiber optik kablo, REF-FOR-500-3000	Fiber optic cable, REF-FOR-500-3000
Endoskopik Kamera, HD, REF-Endocam HD	Endoscopic Camera, HD, REF-Endocam HD
Endoskopik Kamera, PHD, REF-Endocam PHD	Endoscopic Camera, PHD, REF-Endocam PHD
Endoskopik Kamera, 4K, REF-Endocam 4K	Endoscopic Camera, 4K, REF-Endocam 4K
Endoskopik Kamera, 3Chp, REF-Endocam 3Chp	Endoscopic Camera, 3Chp, REF-Endocam 3Chp
Endoskopik Kamera, 3D, REF-Endocam 3D	Endoscopic Camera, 3D, REF-Endocam 3D
Endoskopik Kamera, Smart, REF-Endocam Smart	Endoscopic Camera, Smart, REF-Endocam Smart
Endoskopik Setup, REF-ES-001	Endoscopic Setup, REF-ES-001
Endoskopik Setup, REF-ES-002	Endoscopic Setup, REF-ES-002
Endoskopik Setup, REF-ES-003	Endoscopic Setup, REF-ES-003
Endoskopik Setup, REF-ES-004	Endoscopic Setup, REF-ES-004
Endoskopik Setup, REF-ES-005	Endoscopic Setup, REF-ES-005

Product Commercial Brand / Marka
Applicable EC Directives
Gereği AT Direktifleri
Applicable Harmonized Standards
Gereği Uyumlaştırılmış Standartlar

QAMARA
Regulation on Electrical Equipment (2014/53 / EU)
Elektroteknik Teçhizat ile İlgili Yönetmelik (2014/53/EU)
60596-2-1

In our delivered version, we declare that the product described below complies with the essential safety and health requirements of the Regulation on Electrical Equipment (2014/53 / EU) as put into circulation by us. This declaration will cease to be valid if the products specified above is replaced.
Teşrin edilen versiyonumuzda yukarıda açıklanan ürünün, tarafımızdan dağıtımına sunulduğu şekilde Elektroteknik Teçhizat ile İlgili Yönetmelik (2014/53/EU) yönetmeliğinin temel güvenlik ve sağlık gerekliliklerine uygun olduğunu beyan ederiz. Yukarıda belirtilen ürünlerin değiştirilmesi halinde bu beyan geçerliliğini yitirir.
Applicable National Technical Standards and Specifications
Uygulanabilir Ulusal Teknik Standartlar ve Özellikler

Classifications / Sınıflandırmalar
Certificate Number / Sertifikasyon Numarası
Certificate Issue Date / Sertifikasyon Teyin Tarihi
Certificate Validity Date / Sertifikasyon Geçerlilik Tarihi
Company Official / Firma Yetkilisi
(Authorized Signature and Title) / (Yetkili İmza ve Unvan)

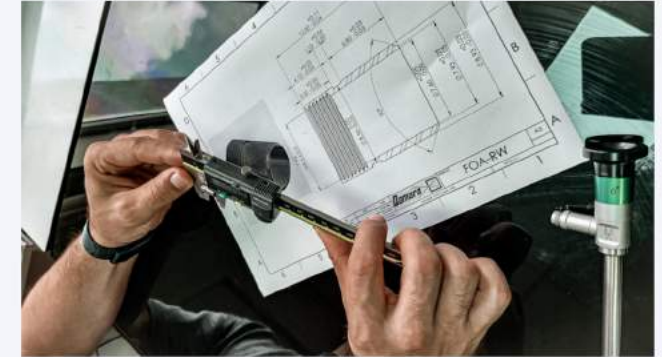
CLASS-I
NVA-EC-23040401
04.04.2023
04.04.2024


General Manager

Yukarıda tanımlanan ürün grupları, iç üretim kontrollerine bağlı olarak kontrol edilmiştir.
The product groups described above have been controlled depending on internal production controls.
www.kiwa.com.tr / www.nva.com.tr / www.uts.com.tr

CERTIFICATE

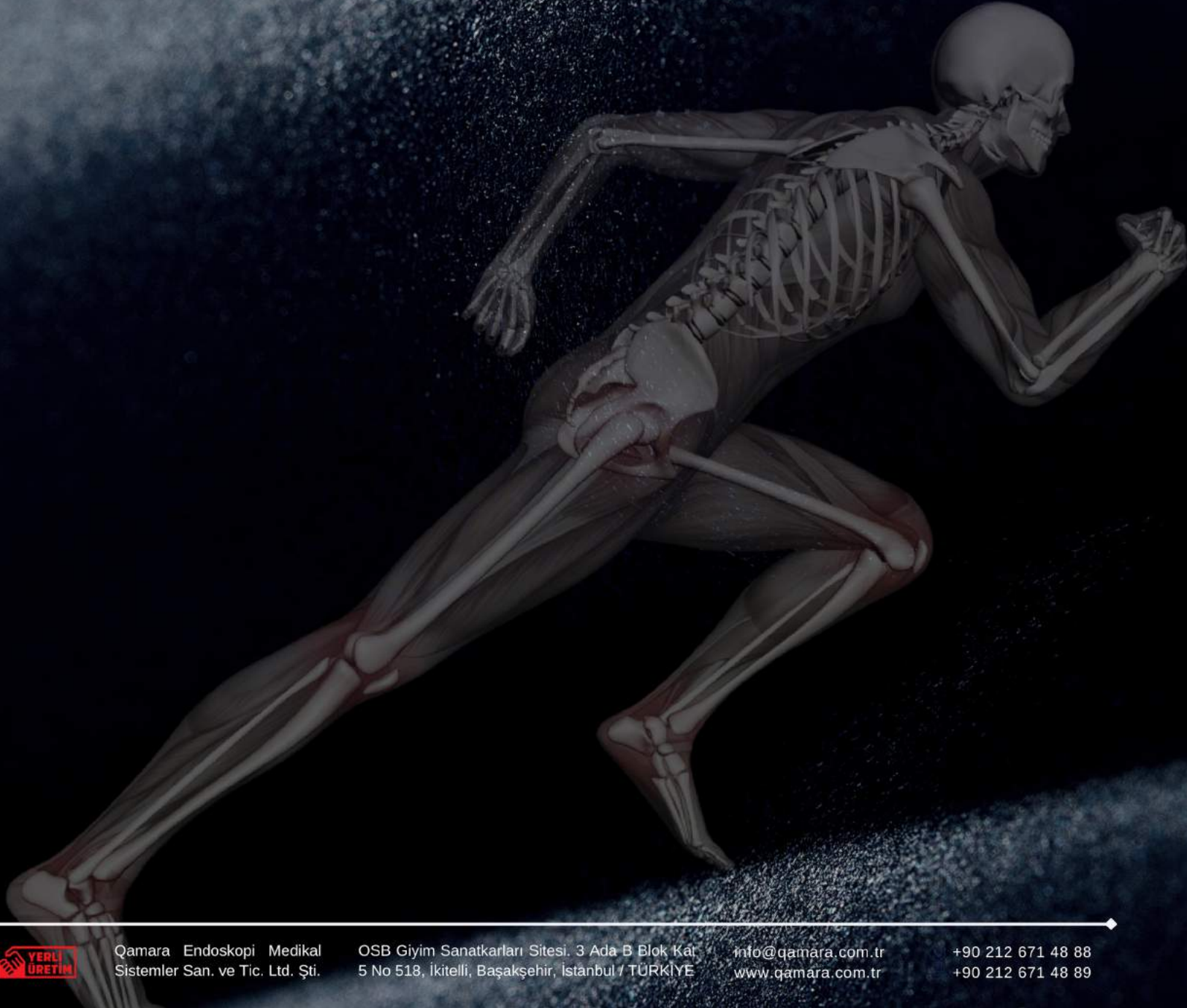


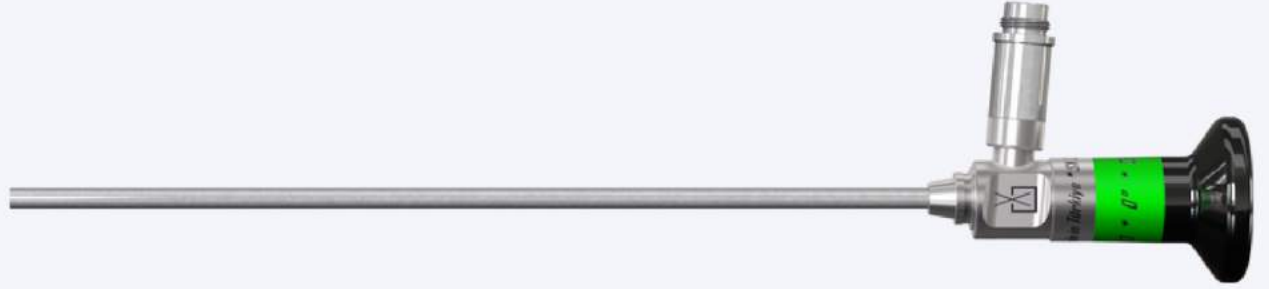
Research and Product Development

Our engineers, with the financial and academic support of the Republic of Turkey, have been conducting research in the field of endoscopic technology development for over a decade, leading to various studies. Since 2008, in the process of providing technical service, we tested most of our production technologies, evaluated hundreds of engineering solutions from the world's leading manufacturers, and created a common technological map of an endoscope.

The main criterion of Qamara Endoscopy is to produce an endoscope with a golden ratio, combining the best aspects of our competitors without compromising high quality! Therefore, Qamara endoscopes are produced at a level that can compete with the world's leading manufacturers. Technologically, the body of Qamara endoscope is made from 316L and 304 medical-grade stainless steel, GR5 medical-grade titanium, and amorphous high-quality engineering plastics. The optical system consists of a wide-format lens that will provide "distortion-free" characteristics, a transmission system made up of rod lenses, and an eyepiece. The light transmission system provides maximum performance lighting with a densely packed wide aperture quartz fiber transmission. The "AR" feature damper environment located between the lens and the distal window minimizes glare, maximizing image clarity. The rigid endoscope of the Qamara brand is sealed airtight between two sapphire crystal windows with a special metallic alloy, laser welds, and protective coatings, guaranteeing its suitability for autoclaving according to DIN EN ISO 17665-1: 2006.

Endoscopes produced by Qamara have been developed using unique and patented technologies to achieve the highest possible image resolution for each diameter.





DESCRIPTION	CATALOG NO	DIAMETR, mm	LENGTH, mm	DIRECTION OF VIEW
Arthro-rhinoscope	KS191100	1,9	110	0°
Arthro-rhinoscope	KS191130	1,9	110	30°
Arthro-rhinoscope	KS276000	2,7	60	0°
Arthro-rhinoscope	KS276030	2,7	60	30°
Arthro-rhinoscope	KS271100	2,7	110	0°
Arthro-rhinoscope	KS271130	2,7	110	30°
Arthro-rhinoscope	KS271700	2,7	175	0°
Arthro-rhinoscope	KS271730	2,7	175	30°
Arthro-rhinoscope	KS271770	2,7	175	70°
Arthro-rhinoscope	KS271800	2,7	185	0°
Arthro-rhinoscope	KS271830	2,7	185	30°
Arthro-rhinoscope	KS291400	2,9	140	0°
Arthro-rhinoscope	KS291430	2,9	140	30°
Arthro-rhinoscope	KS406000	4	60	0°
Arthro-rhinoscope	KS406030	4	60	30°
Arthro-rhinoscope	KS401700	4	175	0°
Arthro-rhinoscope	KS401725	4	175	30°
Arthro-rhinoscope	KS40173090	4	175	30°
Arthro-rhinoscope	KS401745	4	175	45°
Arthro-rhinoscope	KS401760	4	175	70°
Arthro-rhinoscope	KS401790	4	175	90°

Arthro-rhinoscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.





DESCRIPTION	CATALOG NO	DIAMETR, mm	LENGTH, mm	DIRECTION OF VIEW
Arthro-rhinoscope	RW191200	1,9	120	0°
Arthro-rhinoscope	RW191230	1,9	120	30°
Arthro-rhinoscope	RW246000	2,4	60	0°
Arthro-rhinoscope	RW246030	2,4	60	30°
Arthro-rhinoscope	RW276000	2,7	60	0°
Arthro-rhinoscope	RW276030	2,7	60	30°
Arthro-rhinoscope	RW271000	2,7	102,2	0°
Arthro-rhinoscope	RW271030	2,7	102,2	30°
Arthro-rhinoscope	RW401700	4	170	0°
Arthro-rhinoscope	RW401725	4	170	30°
Arthro-rhinoscope	RW401745	4	170	45°
Arthro-rhinoscope	RW401770	4	170	70°
Arthro-rhinoscope	RW401790	4	170	90°

Arthro-rhinoscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.

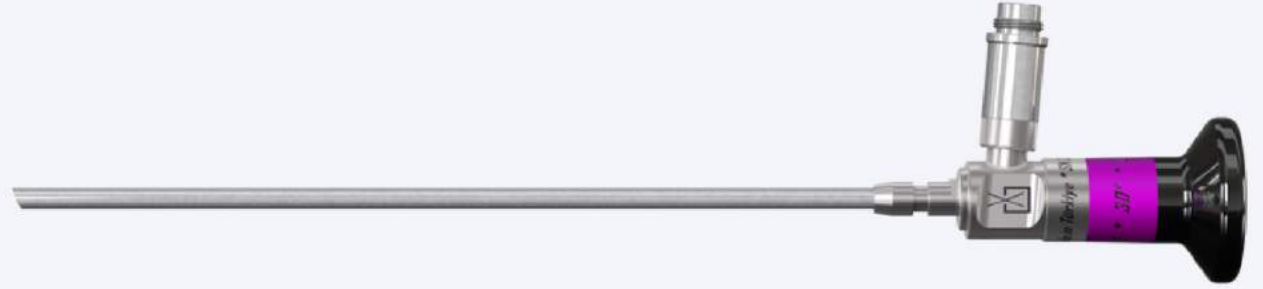




DESCRIPTION	CATALOG NO	DIAMETR, mm	LENGTH, mm	DIRECTION OF VIEW
Arthro-rhinoscope	OL271430	2,7	142	30°
Arthro-rhinoscope	OL271600	2,7	160	0°
Arthro-rhinoscope	OL271630	2,7	160	30°
Arthro-rhinoscope	OL401500	4	158,5	0°
Arthro-rhinoscope	OL401530	4	158,5	30°

Arthro-rhinoscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.





DESCRIPTION	CATALOG NO	DIAMETR, mm	LENGTH, mm	DIRECTION OF VIEW
Arthro-rhinoscope	ST247200	2,4	72,5	0°
Arthro-rhinoscope	ST247230	2,4	72,5	30°
Arthro-rhinoscope	ST271200	2,7	120,5	0°
Arthro-rhinoscope	ST271230	2,7	120,5	30°
Arthro-rhinoscope	ST401400	4	141,6	0°
Arthro-rhinoscope	ST401430	4	141,6	30°
Arthro-rhinoscope	ST401600	4	167,5	0°
Arthro-rhinoscope	ST401630	4	166,5	30°

Arthro-rhinoscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.





DESCRIPTION	CATALOG NO	DIAMETER, mm	LENGTH, mm	DIRECTION OF VIEW
Arthro-rhinoscope	LT256300	2,5	63	0°
Arthro-rhinoscope	LT256330	2,5	63	30°
Arthro-rhinoscope	LT291500	2,9	152	0°
Arthro-rhinoscope	LT291530	2,9	152	30°
Arthro-rhinoscope	LT291545	2,9	152	45°
Arthro-rhinoscope	LT291570	2,9	152	70°
Arthro-rhinoscope	LT401700	4	170	0°
Arthro-rhinoscope	LT401730	4	170	30°

Arthro-rhinoscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.



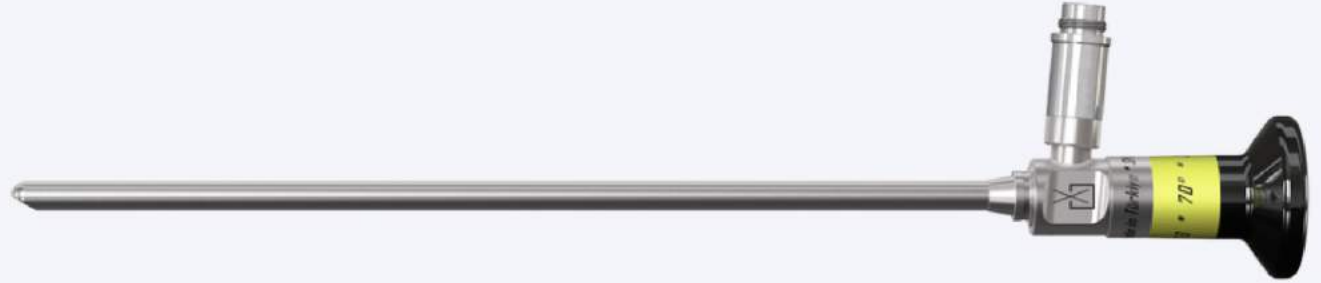


DESCRIPTION	CATALOG NO	DIAMETR, mm	LENGTH, mm	DIRECTION OF VIEW
Arthro-rhinoscope	DY276000	2,7	58,5	0°
Arthro-rhinoscope	DY276030	2,7	58,5	30°
Arthro-rhinoscope	DY271100	2,7	110	0°
Arthro-rhinoscope	DY271130	2,7	110	30°
Arthro-rhinoscope	DY401500	4	157	0°
Arthro-rhinoscope	DY401530	4	157	30°
Arthro-rhinoscope	DY401545	4	157	45°
Arthro-rhinoscope	DY401570	4	157	70°

Arthro-rhinoscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.



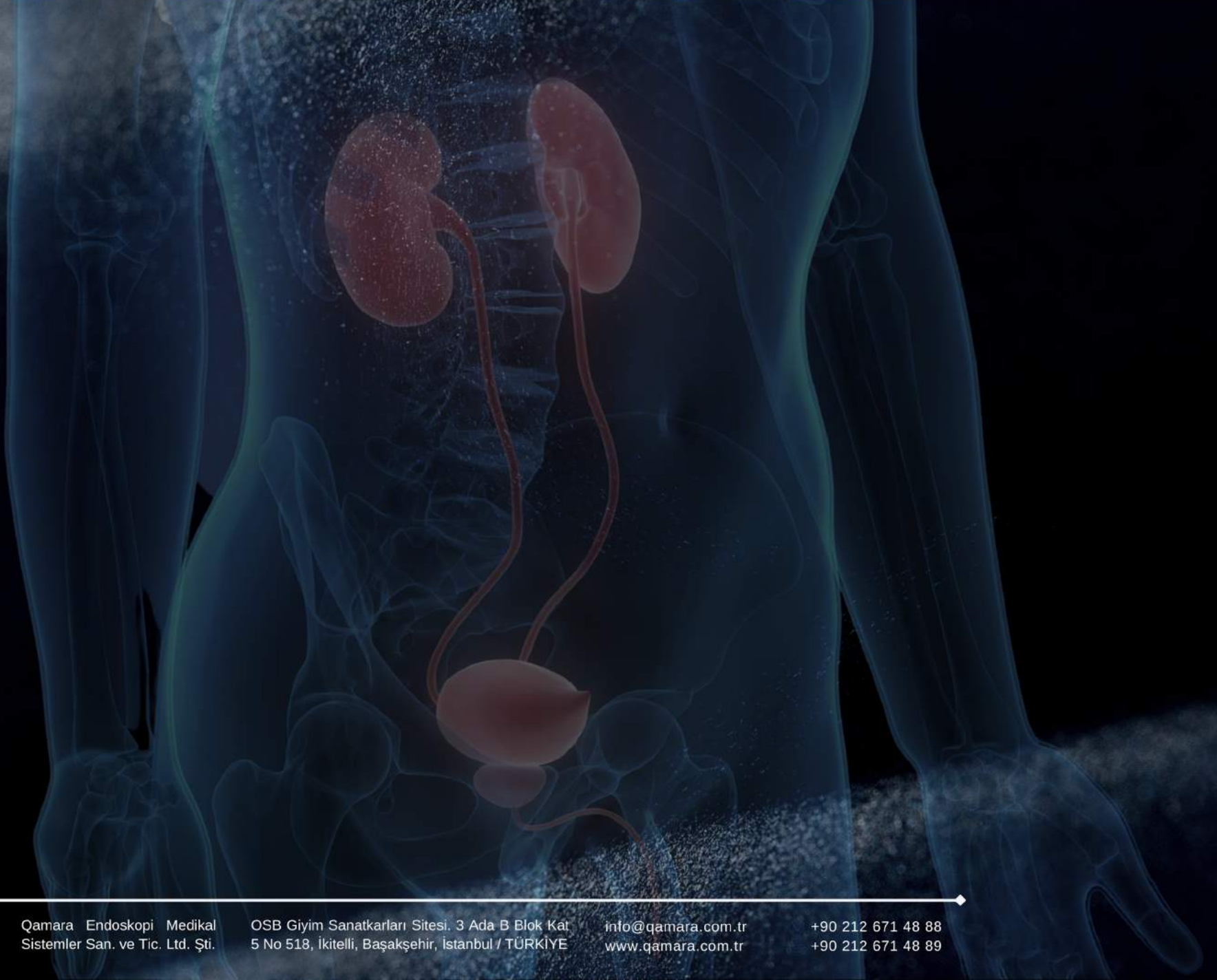




DESCRIPTION	CATALOG NO	DIAMETR, mm	LENGTH, mm	DIRECTION OF VIEW
Larengoscope	KS581960	5,8	190	70°
Larengoscope	KS581990	5,8	190	90°
Larengoscope	KS801970	8	190	70°
Larengoscope	KS801990	8	190	90°
Larengoscope	KS101970	10	190	70°
Larengoscope	KS101990	10	190	90°

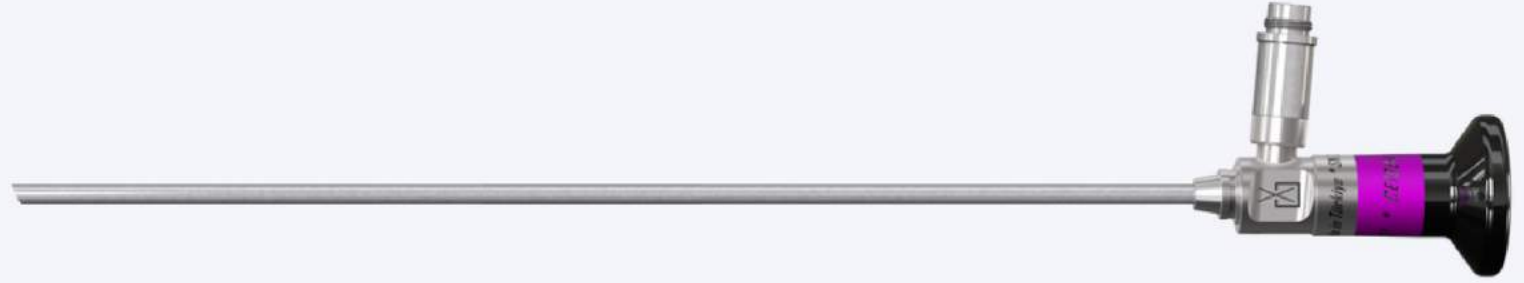
Larengoscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.







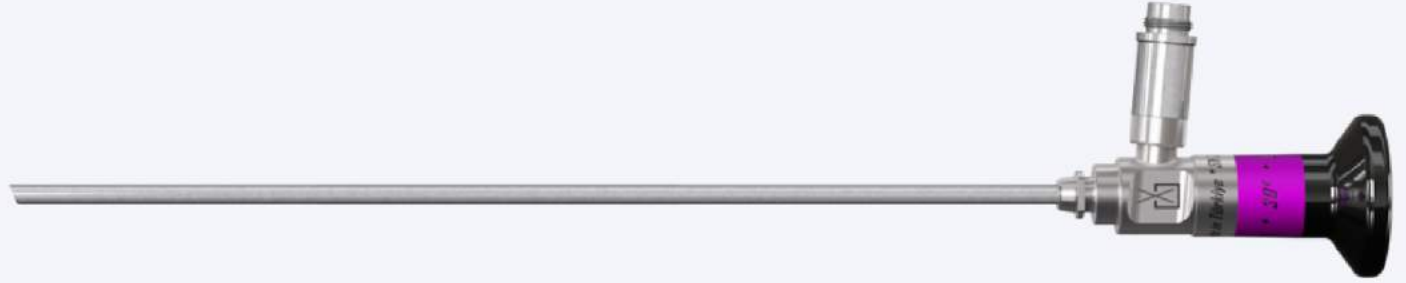
HYSTEROSCOPE / CYSTESCOPE - KS SERIES



DESCRIPTION	CATALOG NO	DIAMETR, mm	LENGTH, mm	DIRECTION OF VIEW
Cystescope-pediatric	KS211800	1,9 / 2,1	186	0°
Cystescope-pediatric	KS211830	1,9 / 2,1	186	30°
Hystero-cystoscope	KS293000	2,9	302	0°
Hystero-cystoscope	KS293012	2,9	302	12°
Hystero-cystoscope	KS293030	2,9	302	30°
Hystero-cystoscope	KS403000	4	302	0°
Hystero-cystoscope	KS403012	4	302	12°
Hystero-cystoscope	KS403030	4	302	30°
Hystero-cystoscope	KS403060	4	302	70°

Hystero-cystoscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.



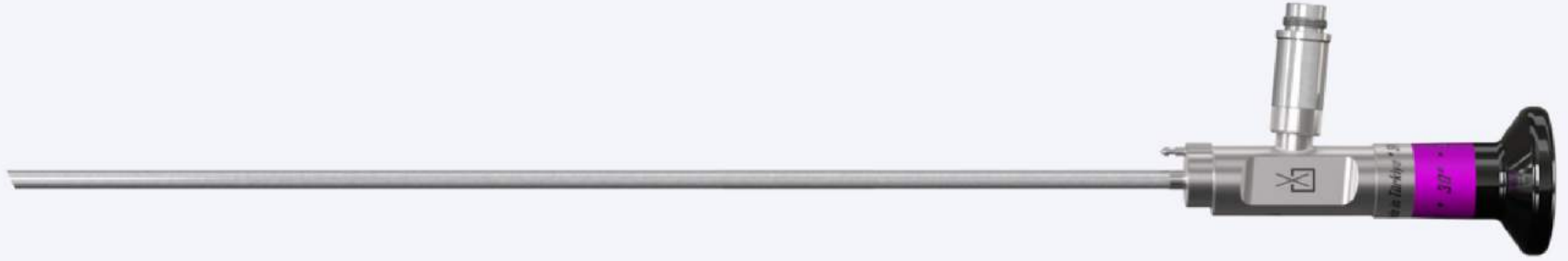


DESCRIPTION	CATALOG NO	DIAMETR, mm	LENGTH, mm	DIRECTION OF VIEW
Cystoscop pediatric	RW191700	1,9	178	0°
Cystoscop pediatric	RW191730	1,9	178	30°
Hystero-cystoscope	RW2731000	2,7	310	0°
Hystero-cystoscope	RW273112	2,7	310	12°
Hystero-cystoscope	RW273125	2,7	310	25
Hystero-cystoscope	RW333000	3,3	300	0°
Hystero-cystoscope	RW333012	3,3	300	12°
Hystero-cystoscope	RW333030	3,3	300	30°
Hystero-cystoscope	RW403000	4	300	0°
Hystero-cystoscope	RW403012	4	300	12°
Hystero-cystoscope	RW403025	4	300	30°
Hystero-cystoscope	RW403070	4	300	70°

Hystero-cystoscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.



Qamara HYSTEROSCOPE / CYSTESCOPE - OL SERIES

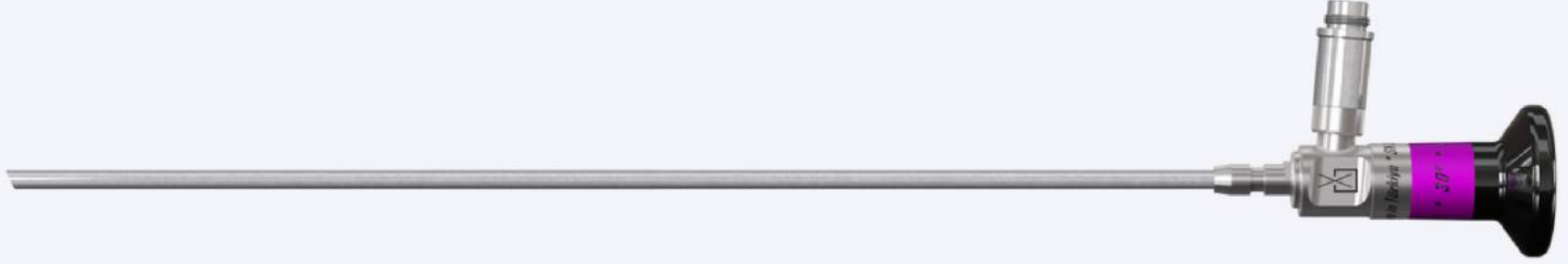


DESCRIPTION	CATALOG NO	DIAMETR, mm	LENGTH, mm	DIRECTION OF VIEW
Hystero-cystoscope	OL302800	3	282	0°
Hystero-cystoscope	OL302812	3	282	12°
Hystero-cystoscope	OL302830	3	282	30°
Hystero-cystoscope	OL402800	4	280	0°
Hystero-cystoscope	OL402812	4	280	12°
Hystero-cystoscope	OL402825	4	282	30°
Hystero-cystoscope	OL402870	4	284	70°

Hystero-cystoscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.



Qamara HYSTEROSCOPE / CYSTESCOPE - ST SERIES



DESCRIPTION	CATALOG NO	DIAMETR, mm	LENGTH, mm	DIRECTION OF VIEW
Hystero-cystoscope	ST293000	2,9	301,2	0°
Hystero-cystoscope	ST293012	2,9	301,2	12°
Hystero-cystoscope	ST293030	2,9	301,2	30°
Hystero-cystoscope	ST403000	4	300	0°
Hystero-cystoscope	ST403012	4	300	12°
Hystero-cystoscope	ST403030	4	300	30°
Hystero-cystoscope	ST403070	4	300	70°

Hystero-cystoscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.



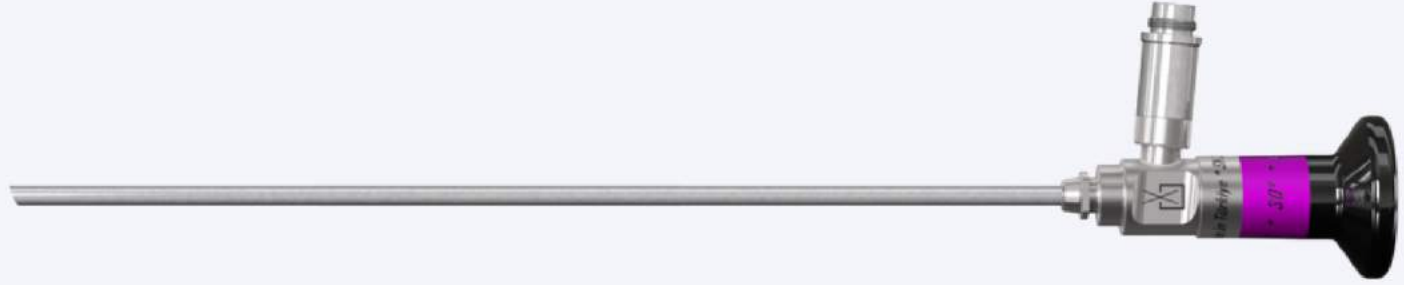




DESCRIPTION	CATALOG NO	DIAMETER, mm	LENGTH, mm	DIRECTION OF VIEW
Bronchoscope	KS284400	2,8	440	0°
Bronchoscope	KS293600	2,9	362	0°
Bronchoscope	KS293630	2,9	362	30°
Bronchoscope	KS454900	4,5	490	0°
Bronchoscope	KS454930	4,5	490	30°
Laparoscope	KS502400	5	240	0°
Laparoscope	KS502430	5	240	30°
Laporo-thoracoscope	KS502900	5	290	0°
Laporo-thoracoscope	KS502930	5	290	30°
Laporo-thoracoscope	KS502945	5	290	45°
Bronchoscope	KS554900	5,5	490	0°
Bronchoscope	KS554930	5,5	490	30°
Laparoscope	KS653000	6,5	302	0°
Laparoscope	KS653030	6,5	302	30°
Laparoscope	KS103300	10	313	0°
Laparoscope	KS103330	10	313	30°
Laparoscope	KS103345	10	313	45°
Bariatric Laparoscope	KS104200	10	420	0°
Bariatric Laparoscope	KS104230	10	420	30°
Bariatric Laparoscope	KS104245	10	420	45°

Laporo-thoroscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.





DESCRIPTION	CATALOG NO	DIAMETR, mm	LENGTH, mm	DIRECTION OF VIEW
Bronchoscope	RW273100	2,7	310	0°
Bronchoscope	RW343800	3,4	380	0°
Bronchoscope	RW343860	3,4	380	60°
Bronchoscope	RW343890	3,4	380	90°
Bronchoscope	RW405200	4	526,5	0°
Bronchoscope	RW405230	4	526,5	30°
Laparoscope	RW533000	5,3	300	0°
Laparoscope	RW533030	5,3	300	30°
Laparoscope	RW533050	5,3	300	50°
Osofagoscope	RW554900	5,5	495	0°
Osofagoscope	RW554930	5,5	495	30°
Osofagoscope	RW554960	5,5	495	60°
Osofagoscope	RW554990	5,5	495	90°
Osofagoscope	RW5549110	5,5	495	110°

Laporo-thoroscopes of Qamara, equipped with a wide-format precise micro-optical system, are fully compatible with high-resolution video systems. A scratch-resistant sapphire window, mounted by a special alloy at the distal end, and a broad-aperture quartz fiber optic transmission densely packed, provide excellent illumination. Its body is made of medical titanium, stainless steel, and high-temperature resistant quality engineering plastic. It is fully autoclavable according to DIN EN ISO 17665-1: 2006.



In the near future, our catalog will be supplemented with new positions, among which, in addition to new rigid endoscopes, important places will be occupied by devices such as; endoscopic video cameras, light sources, and fiber optic cables.

DESCRIPTION	CATALOG NO	TECHNICAL DATA
Endoscopic camera, Endocam FHD	EVC-FHD	1920*1080P 60 fps
Endoscopic camera, Endocam 4K	EVC-4K	3840x2160P 4K60 fps
Endoscopic light source, Endolight 80	ELS-80	LED, 80 Watt
Endoscopic light source, Endolight 120	ELS-120	LED, 120 Watt
Light cable	FLK-03022500	Fiberoptic cable
Light cable	FLK-05022500	Fiberoptic cable



The development of our electronic equipment is keeping pace with the times, taking into account modern trends, while not going to extremes, focusing on proven quality, ergonomics, and practicality of applying new solutions, remaining within reasonable tolerances of the price/quality interval. One such direction is the introduction of a "smart" endoscopic camera equipped with artificial intelligence as an additional assistant to the surgeon operator into the line of video systems, with the aim of early detection of malignant pathologies. In addition to this, an audio scanning stroboscopic light source for strobolarngoscopy will be introduced into production.



Proudly keeping pace with the times, our team has been embodying science, innovation, and progress in the field of endoscopic device development for over 14 years now. Our solutions don't merely embody ideas, they are the quintessence of experience and knowledge accumulated through years of dedicated work and the refined art of engineering.

We possess our own manufacturing facility where our unique optical systems are crafted with unparalleled precision. Our hands and minds have given birth to over 180 models of rigid endoscopes, each of which withstands the test of time and showcases the quality we value most.

Our aim is not just to be good, our aim is to stand out. This is evidenced by the fact that we have become one of the few countries capable of producing endoscopic optical systems. This fact speaks of our pursuit of innovation and our constant strive for improvement.

But we don't rest on our laurels. Looking towards the future, we plan to develop and expand our product line, including the launch of new models of endoscopic video cameras, LED illuminators, and various surgical instruments.

We know that our path is the path of progress, and we aim to provide our customers with the most advanced solutions in the field of endoscopy. Together we are moving towards new horizons.

Master of Optics-Electronics, Engineer
Amir HAN





QAMARA ENDOSKOPI MEDİKAL SİSTEMLER