

Light source Specifications

Specifications

- (WHFKQRORJ)
- LJKWLQWHQVLWRD;HQRQOLJKWWRXUFH
- &RORUWHPSHUDWXUH.
- (OLIHWWLPHKSWRK
- \$XWRPDWLF RYHUWHPSHUDWXUH SURWHFWLRQ
- 6LJH'[:+[[PP
- HLJKWJ
- 3RZHUFQRQXPSWLRQ\$
- Q\$XWYROWDJH\$& +]
- &RPSDWLEOHZLWK6WRUJWSHOLJKWFDEOHV20IP\$XLQRSWLRQ
- &RQWLQXRXVWHUYLFH

Regulatory & Environment

- 2SHUDWLQJ7HPSHUDWXUHJDJHr&
- 2SHUDWLQJ5HODWLYH+XPLGLWUDQJHWR
- 7UDQVSRUWDQGWRUDJH7HPSHUDWXUHJDJHr&
- 7UDQVSRUWDQGWRUDJH5HODWLYH+XPLGLWUDQJHWR
- 2SHUDWLQJ7UDQVSRUWDQG6WRUDJH\$WPRVSKHULFSUHVVXUUDQJH3DWRK3D



&RPSDWLVQRKRPRJHQHLWRQOLJKWEHWZHHQD;HQRQOLJKWWRXUFH



Kiran TECHNICAL SERVICES
PRIVATE LIMITED



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Tamil Nadu : No.33-B4, Sidco Industrial Estate Phase - II, Sundarapuram, Coimbatore - 641 021
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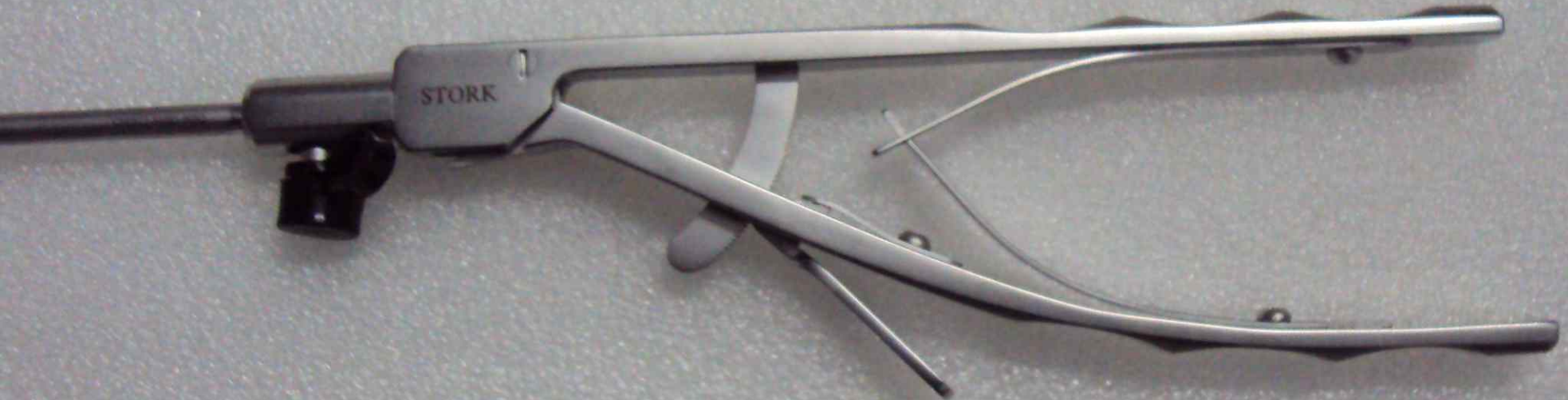


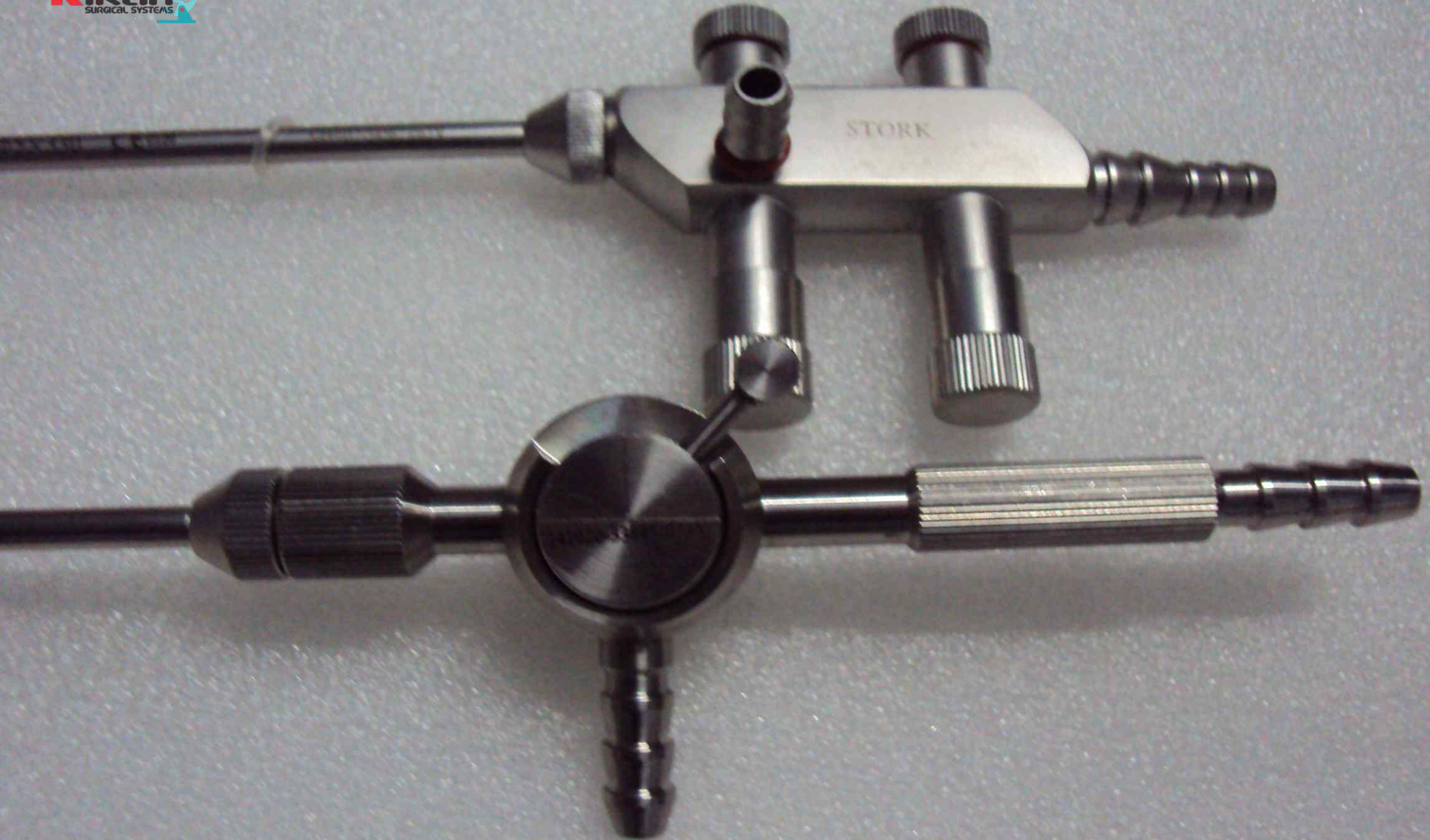
HYSTEOROSCOPY & LAPAROSCOPY INSTRUMENTS



www.kiransurgicalsystems.com
www.kiranmedicareequipments.com

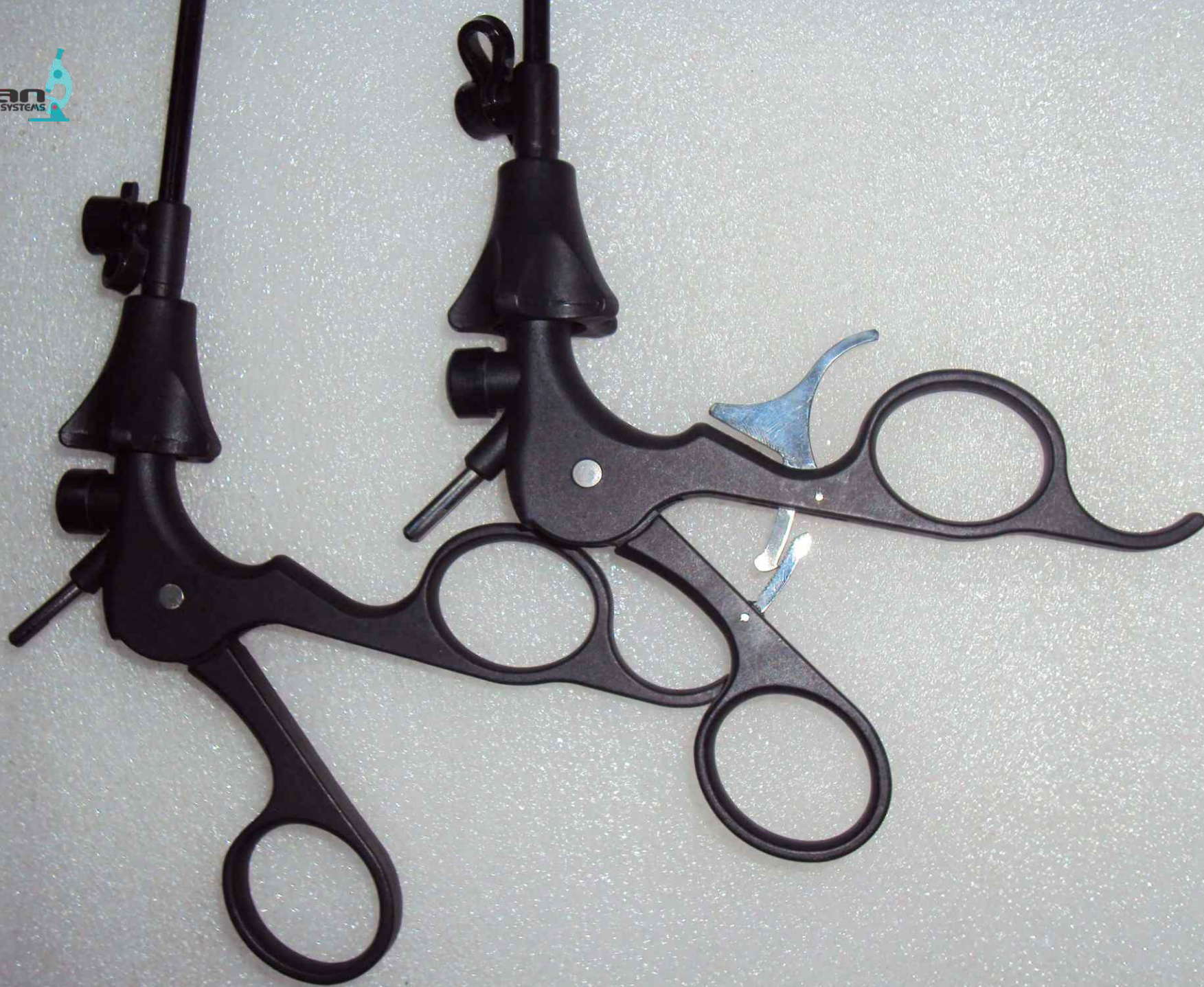












GQ-6 Hysteroscopy set

Connecting to ACMI, STRYKER light guide cable

F0107 0° Hysteroscopy
Φ6.6×220mm
F0108 0°
Hysteroscopy Φ5.3×224mm

F0101.1 22°
Hysteroscopy Φ6.6×220mm
F0106 22°
Hysteroscopy Φ5.3×220mm



1 Connecting to "Storz" light guide cable
OLYMPUS
Connecting to OLYMPUS light guide cable
Connect to "STORZ"
2 WOLF
Connecting to STORZ light guide cable
Connect to WOLF light guide cable



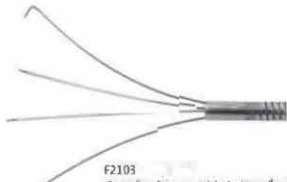
Flexible operating forceps Φ2.4×395mm



F2101
Biopsy forceps
flexible



F210
Scissor
flexible



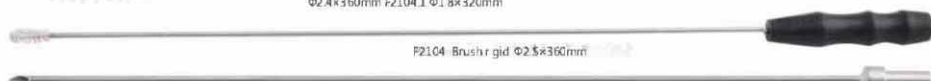
F2103
Grasping forceps with 4 claws
flexible

F2107
Loop catching forceps flexible

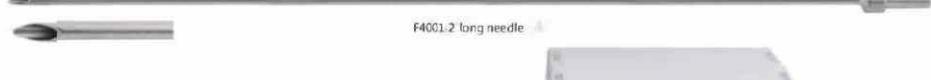
F2108
Scissor
flexible



Brush flexible
Φ2.4×360mm F2104.1 Φ1.8×320mm



F2104
Brush rigid
Φ2.5×360mm



F4001.2
long needle



F4001
Fluid control uteromat (with infusion device and long needle)



A2145
Sealing cap



F4001.1
Infusion device
(Disposable)



TS010
light guide cable
Φ4.5×2000mm

GQ-3 Hysteroscopy set



A0012 30° Endoscope
Φ4×302mm



F1115 操作鞘 Φ24Fr Operating sheath



A2101.1
Biopsy forceps
Rigid 7Fr×395mm



A2104.1
Scissor Rigid
7Fr×395mm



F2107.3
Loop catching forceps Rigid
7Fr×395mm

GQ-5 Hysteroscopy set (Examine)



TS010
light guide cable
Φ4.5×2000mm

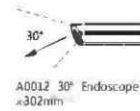


T1001
Adaptor

A0012 30° Endoscope Φ4×302mm

F0102 Sheath

GQ-7 Hysteroscopy set



A0012 30° Endoscope Φ4
×302mm

- 1 OLYMPUS
STORZ
- 2 WOLF
- 3 ACMI STRYKER

- 1 Connecting to STORZ light guide cable
Connecting to OLYMPUS light guide cable
Connecting to STORZ light guide cable
- 2 Connecting to WOLF light guide cable
- 3 Connecting to ACMI/STRYKER light guide cable



A2145
Sealing cap



T1001
Adaptor



TS010
light guide cable
Φ4.5×2000mm



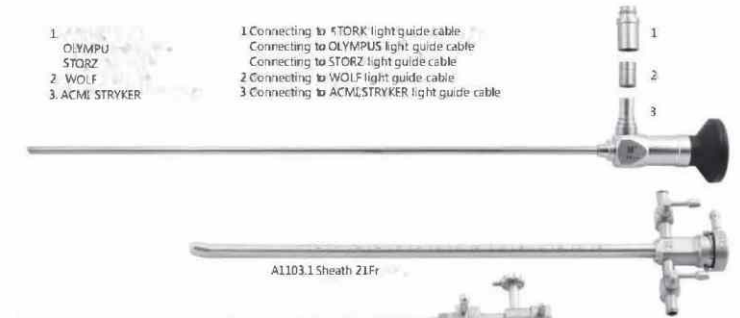
A2101
Biopsy forceps, flexible
7Fr×395mm



A2103
Serrated forceps flexible
7Fr×395mm



A2104
Scissor flexible
7Fr×395mm

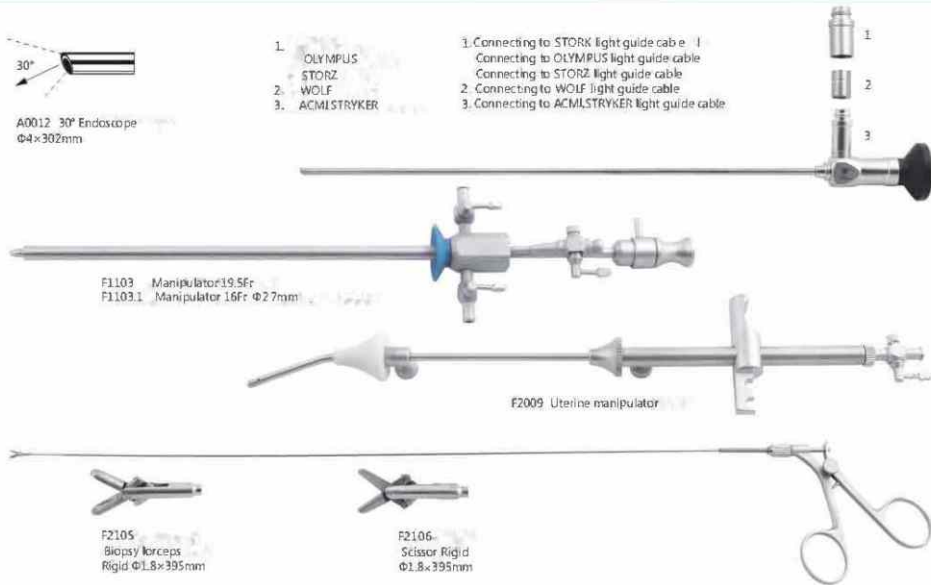


A1103.1 Sheath 21Fr



A1105.1
Manipulator with double channels

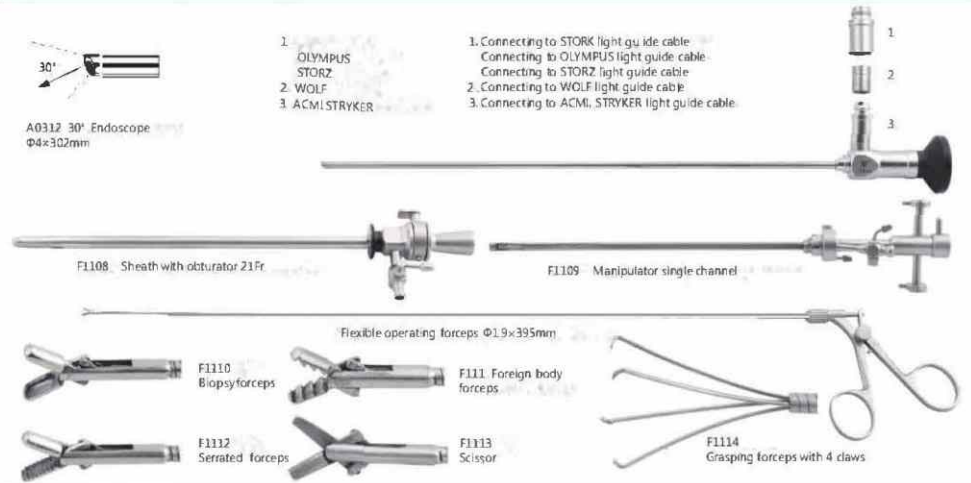
GQ-9 Hysteroscopy set (Examine)



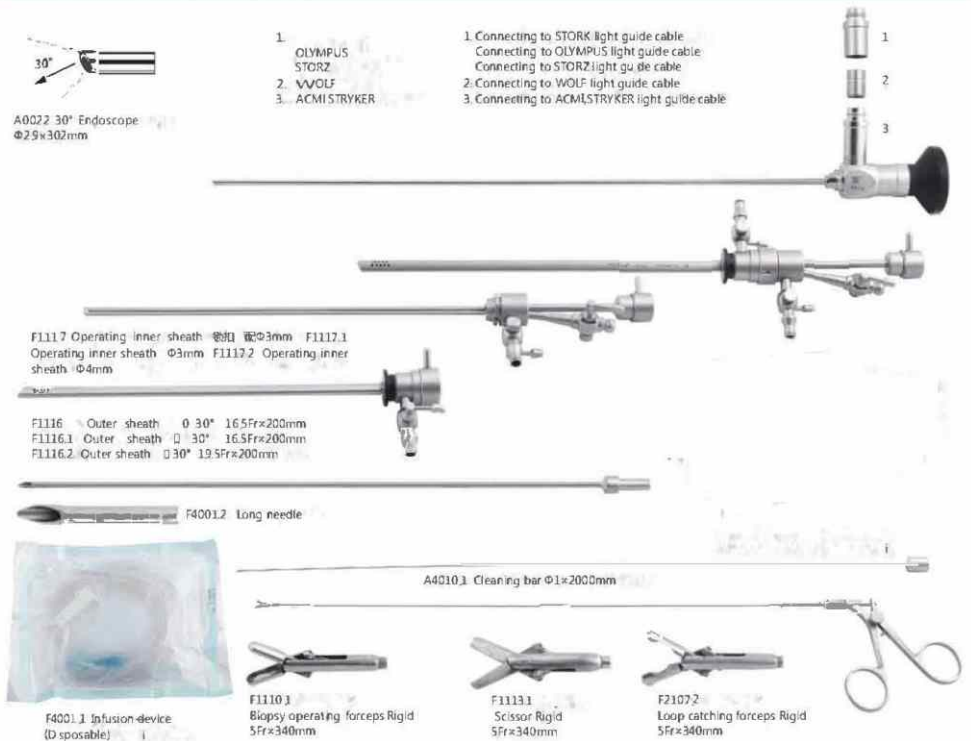
GQ-10 Hysteroscopy set (Examine)



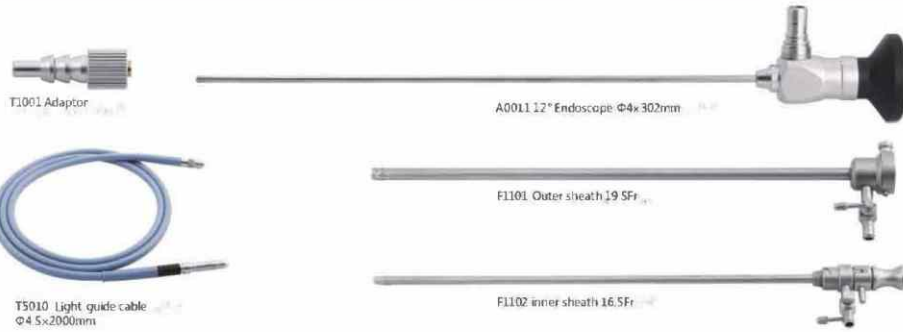
GQ-11 Hysteroscopy set



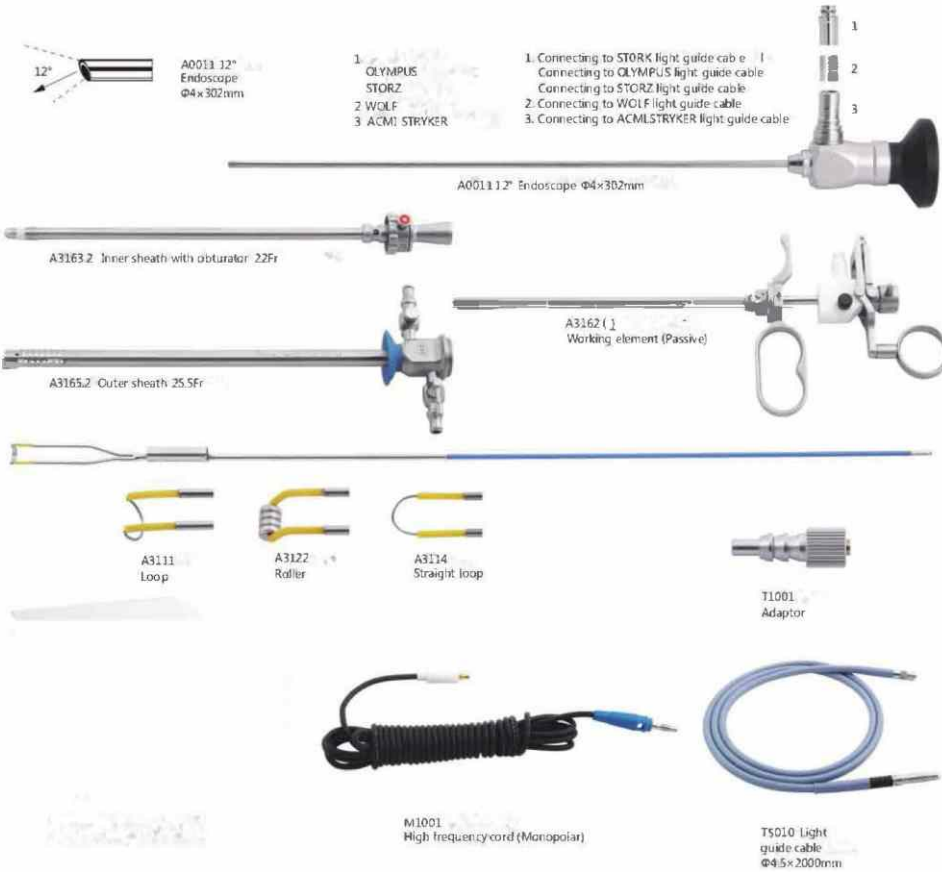
GQ-12 Hysteroscopy set



GQ-8 Hysteroscopy set (Examine)



DQ-5 Resectoscopy set



Electric hystera-cutter



Cardio Toco Graph

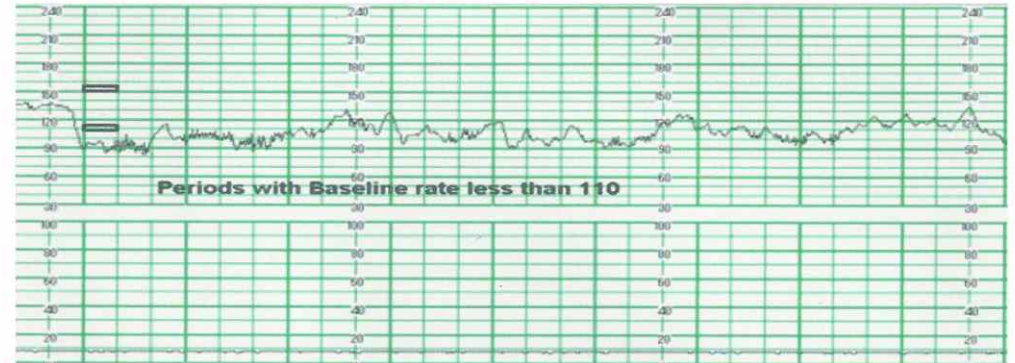


Features

- ⇒ 7" TFT color display for FHR, FM & Toco Curve.
- ⇒ Thermal recorder can records FHR & TOCO.
- ⇒ Auto fetal movement detection.
- ⇒ Baby awakening system or stimulator.
- ⇒ 3 in 1 transducers, no cable inter twisting.
- ⇒ Advanced DSP technology, accurate & reliable.
- ⇒ Multi-crystals, wide beam form, high sensitivity ultrasound transducer, 1 MHz pulsed wave, low ultrasound power.
- ⇒ 12 hours memory & 4 hours battery back up.
- ⇒ A standard patient event marker & a clinical event marking button to separately mark clinical events
- ⇒ Maternal Spo2 & heart rate function are an option
- ⇒ Many alarm function for high & low FHR
- ⇒ Operate with an encoder for easy & convenient use
- ⇒ Twin monitoring is an option

Technical Specification

Fetal Heart Rate	Toco
Ultrasound Probe : 12 pcs, Multi-wafer, wave-beam, high sensitive	Toco range : 0-100 (relative unit)
Ultrasound Frequency : 1 MHz \pm 5%	Resolution : 1 bpm
Ultrasound Intensity : < 3mW/cm ²	Non-linear error : \leq \pm 5%
FHR range : 30-240bpm	Fetal movement record (FM)
Resolution : 1bpm	Standard configuration : manual control button label
Accuracy : \pm 1bpm/ \pm 1%	Auto fetal movement-counting & detection
Auto Fetal Movement-Counting	
Electrical	Printer
Power supply-AC 100-240 V, 50/60Hz	Type-High Resolution printer
Battery Back Up- 4 Hours	Printer Speed-1/2/3 cm/min
Power Consumption : < 20W	Paper-Z shape, Thermal Paper
General	
Memory -12 Hours	Weight-3.5 Kg
Display- Folding Color display	Dimensions- 350 W \times 320 D \times 55 H (mm)
Display Size -7 inch	Many Alarm functions
Note-Specification subject to change without prior notice.	



ELECTROSURGICAL UNIT

CS microprocessor based electro surgical units are available in market with outstanding performance of monopolar (cut & Coag) & Bipolar. In Many types of surgery were high precision & reliability are essential, microprocessor control provides the user safety & performance during surgery. These units has pure cut, are exceptionally smooth & start promptly even in irrigated procedures.

SMART 4

Display	Graphical LCD Display
Dimension(WxHxD)	290mmx105mmx260mm
Keyboard	Feather Touch
Tested	IEC 601-1/EN 60601-1
Input Supply Voltage	230VAC+15%@50/60



Technical Specifications:-

Monopolar Modes :-

CUT

Mode	Program	Power	Load	Operating Freq.
Pure	99	400 W	500Ω	480Khz
Blend 1	99	250 W	500Ω	480Khz
Blend 2	99	250 W	500Ω	480Khz
EndoCut	99	99%	500Ω	480Khz

COAG

Mode	Program	Power	Load	Operating Freq.
Spray	99	120W	500Ω	480Khz
Fulgurate	99	150W	500Ω	480Khz
Dessicate	99	150 W	500Ω	480Khz

BIPOLAR MODE :

Soft	99	80 W	300Ω	480Khz
Force	99	80 W	300Ω	480Khz
Cut	99	100 W	300Ω	480Khz



HINTERGRUND-INFORMATION
BACKGROUND-INFORMATION

ENDOSKOPE
ENDOSCOPES



Neue HD Optiken

Erhöhte Lebensdauer

DEHNUNGSFREIE GLASFASERN

Das System wurde so konzipiert, dass die Glasfasern dehnungsfrei befestigt sind. Somit wird weniger Stress auf das Gesamtsystem im Besonderen auf die Lichteintritts- und Lichtaustrittsflächen gebracht, was zu einer verbesserten Lebensdauer führt.

GOLD-STANDARD

Das Planglas unserer Endoskope wird nach dem neuesten Stand der Technik nicht lediglich verklebt, sondern mit Goldlot verlötet. Das Eindringen von Feuchtigkeit wird besser unterbunden und deshalb sind unsere Endoskope dichter und widerstandsfähiger.

Klare und helle Sicht

Für eine klare und einzigartige Sicht bieten unsere Endoskope erstklassige HD-Qualität. Zusammen mit der optimierten Beleuchtung resultiert ein sehr helles und klares Bild, reich an Kontrast.

Hinzu kommt eine erhöhte Schärfentiefe, dass das Verändern des Arbeitsabstandes ohne Nachfokussierung möglich macht. Beste Bildqualität durch Verminderung der chromatischen Aberration und Reflektion.

Verbesserte Beleuchtung

Für unsere neue Familie HD-Endoskope wurde ein besonderer Schwerpunkt auf die Schaffung von homogener und scharfkantiger Beleuchtung gelegt.

New HD Endoscopes

Increased durability

FLOATING GLASS FIBRES

The endoscopes are designed, so that the glass fibers are mounted without continuous tension. This results in less stress on the overall mechanical system, in particular on the light entrance and light exit surfaces. This enhances the life expectancy and improves service life.

GOLD STANDARD

According the latest state of the art, the sightglass is fixed in place with gold solder instead of glue. This guarantees a better fit and improves protection against ingress of moisture. Additionally it enables the occurring stress during any autoclave-cycle to better dispense.

Clear and bright view

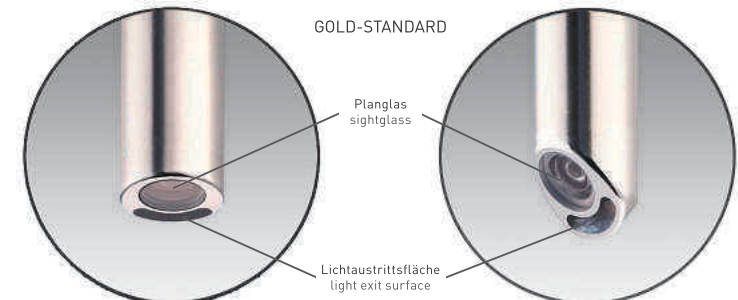
For a clear and unique view our endoscopes offer high HD quality. Together with the optimized illumination they offer a very bright and clear picture, which is rich in contrast.

Added to this is an increased depth of field, which enables the user to change the working distance without having to refocus.

We also offer best image quality by reducing the chromatic aberration and reflections.

Better illumination

For our new family HD endoscopes, special emphasis was placed on the creation of homogeneous and sharp-edged lighting.



BI - SEAL VESSEL SEALER

With Real-Time tissue impedance measurement technology

Meditech vessel sealing systems give you something no other electro surgical tool can-permanent vessels occlusion. This revolutionary technology replaces almost all other haemostatic tools because it doesn't just ligate vessels, it actually fuses vessel walls to create a permanent seal.

BI-Seal

Display	7 Segment LED
Dimension(WxHxD)	290mmx105mmx260mm
Keyboard	Feather Touch
Tested	IEC 601-1/EN 60601-1
Input Supply Voltage	230VAC+15%@50/60
Weight	4KG



⇒ Specific modulated outputs for All procedures across all specialties for unmatched superior performance.

Technical Specifications:-

Sealer Modes :-

Mode	Max.Power Watt	Operating Frequency	Max. Short Circuit Current	Peak to Peak Voltage	Crest Factor
Soft	150	1Mhz	4.4Amp	560(280)	1.5
Force	150	1Mhz	4.4Amp	700(350)	1.5

Bipolar Modes :-

Mode	Max.Power Watt	Operating Frequency	Max Short Circuit Current	Peak to Peak Voltage	Crest Factor
BI-Coag	120W	1Mhz	2.2Amp	560(280)	1.5
Bi-Coag	120 W	1MHz	2.2Amp	620(310)	1.5

LIGA SEAL VESSEL SEALER

With Real-Time tissue impedance measurement technology

Meditech vessel sealing systems give you something no other electro surgical tool can-permanent vessels occlusion. This revolutionary technology replaces almost all other haemostatic tools because it doesn't just ligate vessels, it actually fuses vessel walls to create a permanent seal.

LigaSeal

Display	Graphical LCD Display
Dimension(WxHxD)	290mmx105mmx260mm
Keyboard	Feather Touch
Tested	IEC 601-1/EN 60601-1
Input Supply Voltage	230VAC+15%@50/60



⇒ 23 Procedures Selections Menu.
 ⇒ Specific modulated outputs for All procedures across all specialties for unmatched superior performance.

Technical Specifications:-

Sealer Modes :-

Mode	Max.Power Watt	Operating Frequency	Max. Short Circuit Current	Peak to Peak Voltage	Crest Factor
Soft	150	480Khz	4.4Amp	560(280)	1.5
Force	150	480Khz	4.4Amp	700(350)	1.5

Bipolar Modes :-

Mode	Max.Power Watt	Operating Frequency	Max Short Circuit Current	Peak to Peak Voltage	Crest Factor
BI-Coag	150W	480Khz	2.2Amp	560(280)	1.5
Bi-Coag	120 W	480 KHz	2.2Amp	620(310)	1.5

Vessel Sealing Systems

300W*LED Light Source

With Real-Time tissue impedance measurement technology

Meditech vessel sealing systems give you something no other electro surgical tool can-permanent vessels occlusion. This revolutionary technology replaces almost all other haemostatic tools because it doesn't just ligate vessels, it actually fuses vessel walls to create a permanent seal.





LigaSure™ 5 mm Laparoscopic Instrument
Instrument with Sealing and cutting capabilities. This blunt laparoscopic sealer and divider combines the signature sealing consistency of LigaSure technology and the longest cutting length available, compared with other 5 mm laparoscopy sealing devices, with improved grasping.

%ULJKWHQIRXUZRUOG

- ❑ As powerful as a 300W Xenon light source
- ❑ LED lifespan up to 50,000 hours
- ❑ Daylight color temperature** for optimum contrast



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