

ELK-LUMINA-X



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ONE COMPLETE LAPAROSCOPIC TOWER

- 1080P Endoscope camera system
- Endoscopy light source,
- CO2 40L insufflator
- Irrigation Pump
- 27 Inch FHD display screen monitor,
- Laparoscopic
- Trolley



Pure Medical Digital Video Recorder (without light source)



Handle Camera

Image Sensor	SONY CMOS
Resolution	4K、1080P
FREEZE	Support
AWB	Support
D-ZOOM	0-8x
Brightness	1-30 steps
Support Lens Mode	PTED/Fiber/Arthroscope/ Cystoscope/Hysteroscope /Laparoscope/ENT/ Custom
Support Language	Chinese, English, Japanese, Korean and other languages
Working Environment Temperature	0℃~40℃

Endoscope Camera System

Input Interface	4K、1080P
Output Interface	HDMI/DVI/VGA/SDI/CVBS
Keypad Control	Control the motherboard menu and shortcut keys through RX/TX
Power Supply	AC 110V~240V
U Disk	U disk USB2.0/USB3.0 (up to 32GB) to record and take photos
Shortcut Key Function	Freeze/white balance/video/photograph/ digital zoom
SNR(Signal Noise Ratio)	<45dB
Working environment temperature	0℃~40℃
Size	L336*W330*H116mm
Weight	3.9KG

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Endoscope Cold Light Source

- Strong magnetic anti-interference, light stability
- 50000 hours service life
- 120W high brightness, high energy and low power consumption lamp bead
- 500K-6500K color temperature =natural light
- 92 color rendering index=high degree of reduction
- 0-100 digital display=more intuitive
- Knob adjustment=convenient and efficient
- High temperature resistant optical fiber, long service time and corrosion resistant



System Parameters

Rated Power	120W
Luminous Flux	800 lm
Color Temperature	4500-6500K
Brightness	0-100
Luminous Area	7.7 (mm ²)
CRI	92
Maximum Current	0.8A
Power Supply	AC 110-240V
Product Size	L336*W330*H116mm
Product Weight	5.5KG
Working Environment Temperature	0°C~40°C
Service Life	50000h

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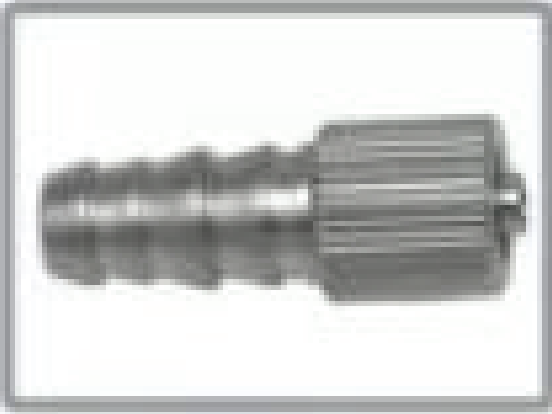
CO2 Insufflator

Model:TU-BC40L (Function)

- 7 inch color touch screen intelligent control, real-time monitoring
- Large flow, maximum flow 40L/min, continuously adjustable
- MOTORALA pressure sensor, three-way pressure measurement and control
- Light and sound alarm, safe and reliable
- Long life,stable performance
- Warming



Optional Accessories



BC-Q001
Connector



BC-Q002
Insufflator
Connector



BC-Q003
Filter



BC-Q004
Decompression
Watch



BC-Q005
Silicone
Tube



BC-Q006
Veress
Needle



BC-Q007
Pressure
Tube



BC-Q008
Pressure
Tube



BC-Q009
Pressure
Tube

TECHNICAL PARAMETER

Rated Power	120W
Supply voltage	-220V50Hz
Power	160VA
Range of flow	10L/min;20L/min;30L/min;40L/min
Range of press	5-30mmHg
Noise	≤50dB

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BCJ-100

Products Introduction

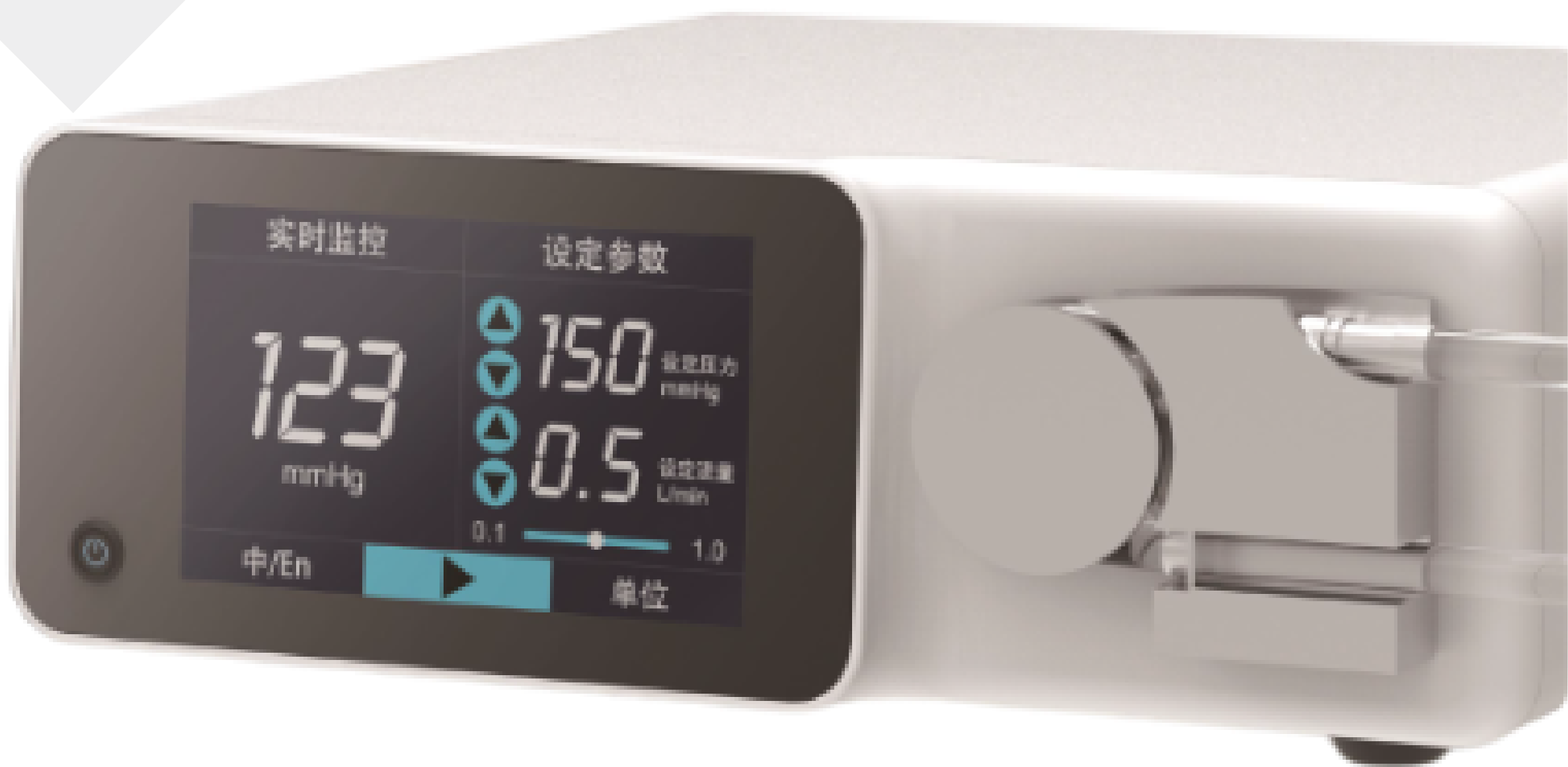
Used for Hysteroscope's swell and force, Urology surgery's liquid irrigation, also be able to use in Arthroscopy, Laparoscope surgery.

Functional Characteristic

- 7-inch color touch screen intelligent control,convenient and reliable operation
- It has automatic decompression function in case of over voltage
- Use roller pump to get large flow, irrigation tube can be autoclavable sterilization to avoid secondary pollution.
- Pressure is adjustable on request and real time monitored.

TECHNICAL PARAMETER

Model Number	BCJ-100
Supply voltage	~220V 50Hz
Power	80VA
Range of press	75-375mmHg (10-50KPa)
Range of flow	0.1-1.0L/min
Noise	≤70dB(A)



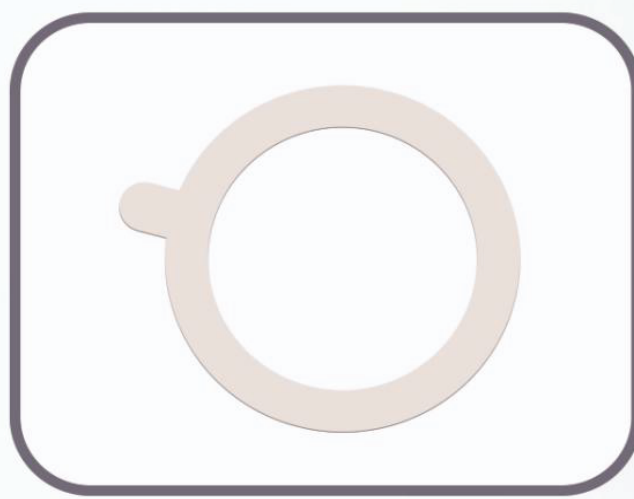
BCJ100-1
IRRIGATION G TUBE



BCJ100-2
THRUSTING NEEDLE



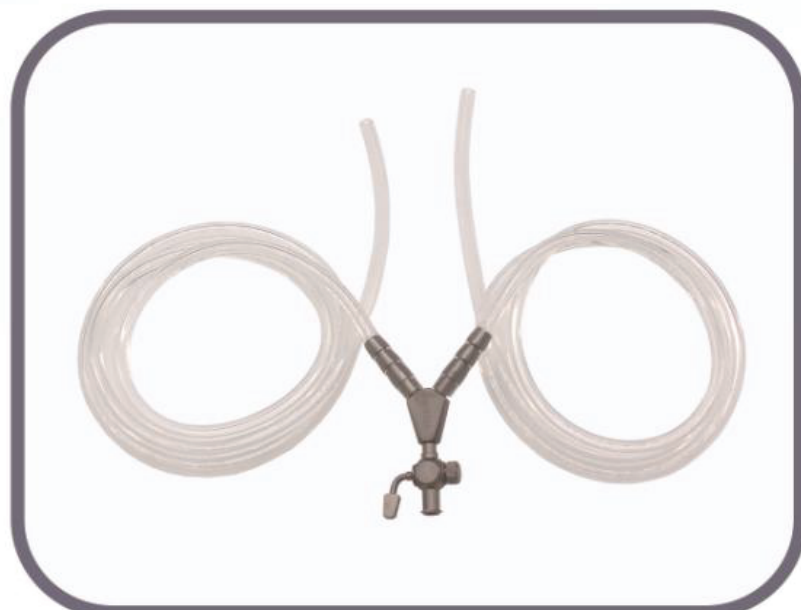
BCJ100-3
THRUSTING NEEDLE



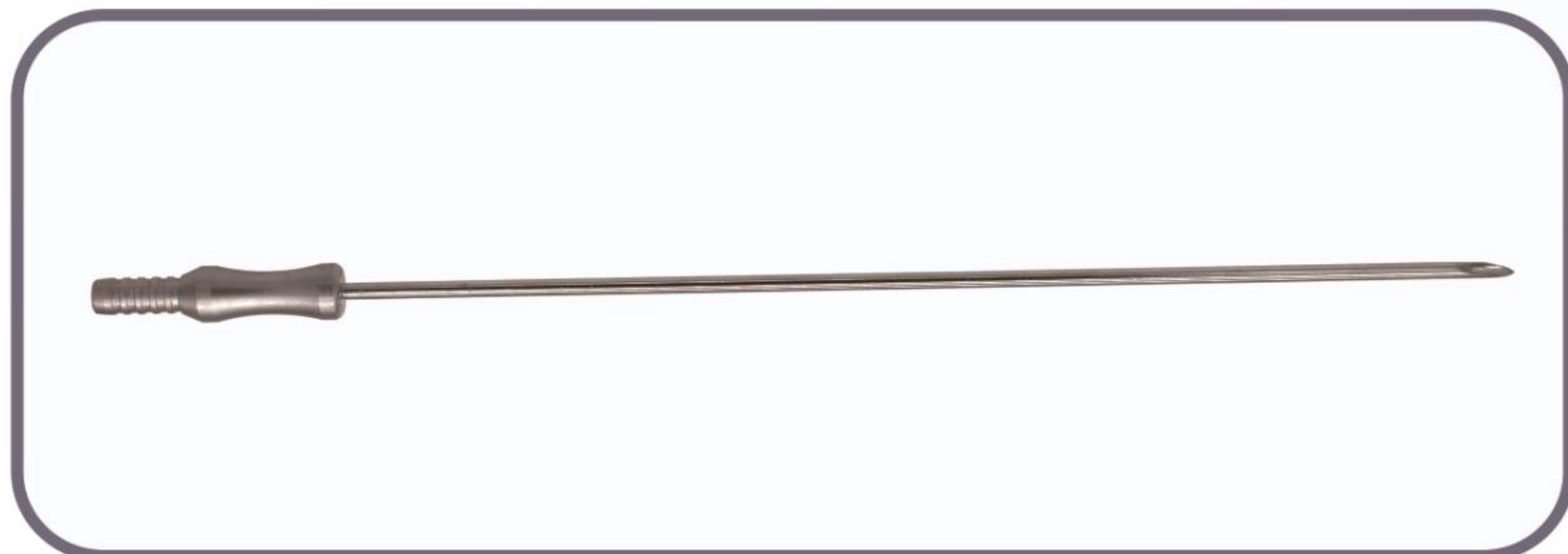
BCJ100-4
SILASTIC



BCJ100-5
CONNECTOR



BCJ100-6
TEE JOINT & TUBE

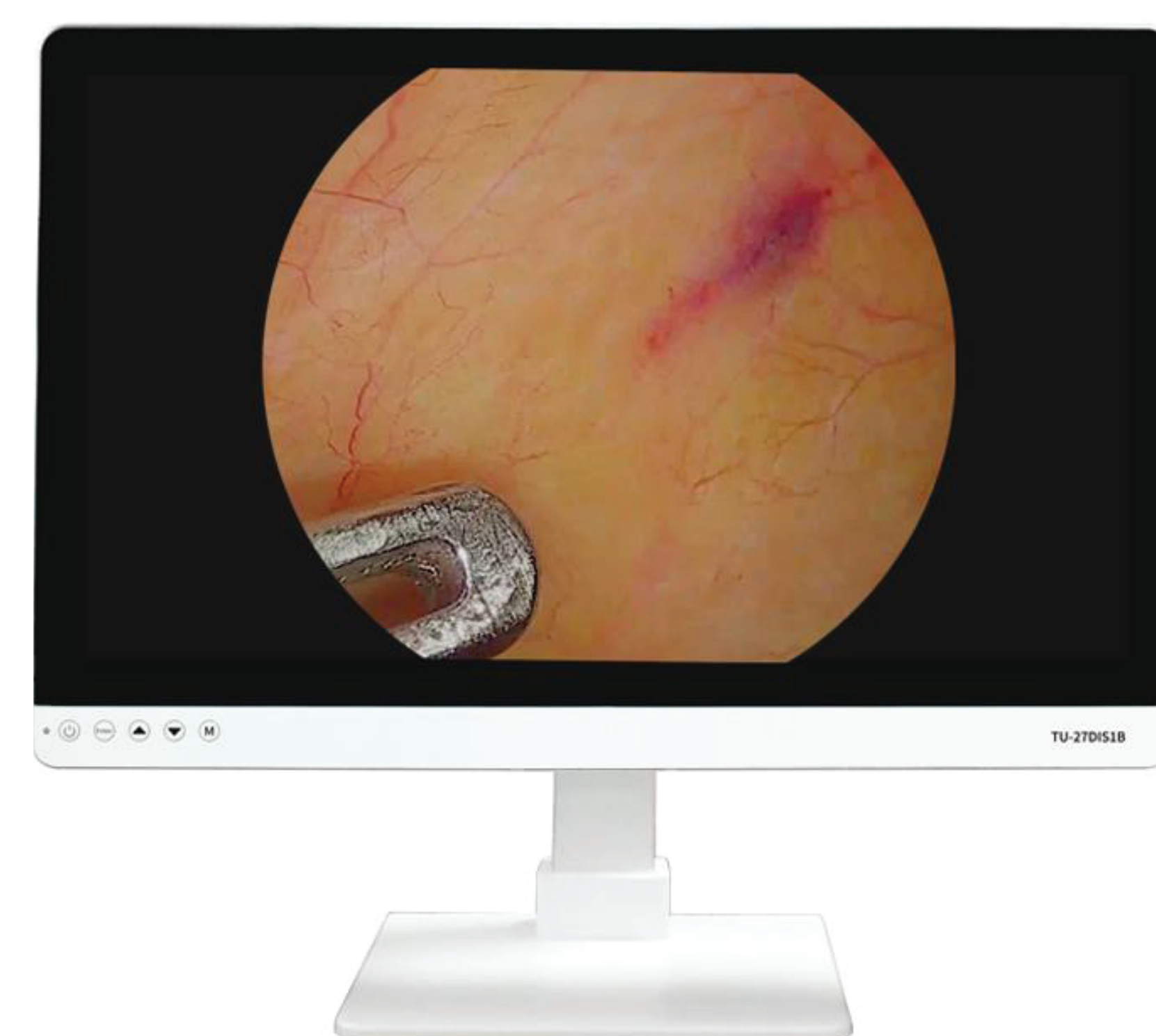


BCJ100-7
THRUSTING NEEDLE

ELK-LUMINA-X

Medical Grade Monitor (FHD)

- 1080P resolution is available.
- Size: 27 Inch
- Metal stand is rotatable and the height can be adjusted
- Response time: 14ms
- Accurate color rendering
- ODS menu, adjustable parameters
- Compliance with operating room sterilization and anti-interference requirements
- Multiple interface types, strong applicability
- Excellent Layering, bright and permeable screen, providing clear surgical images.



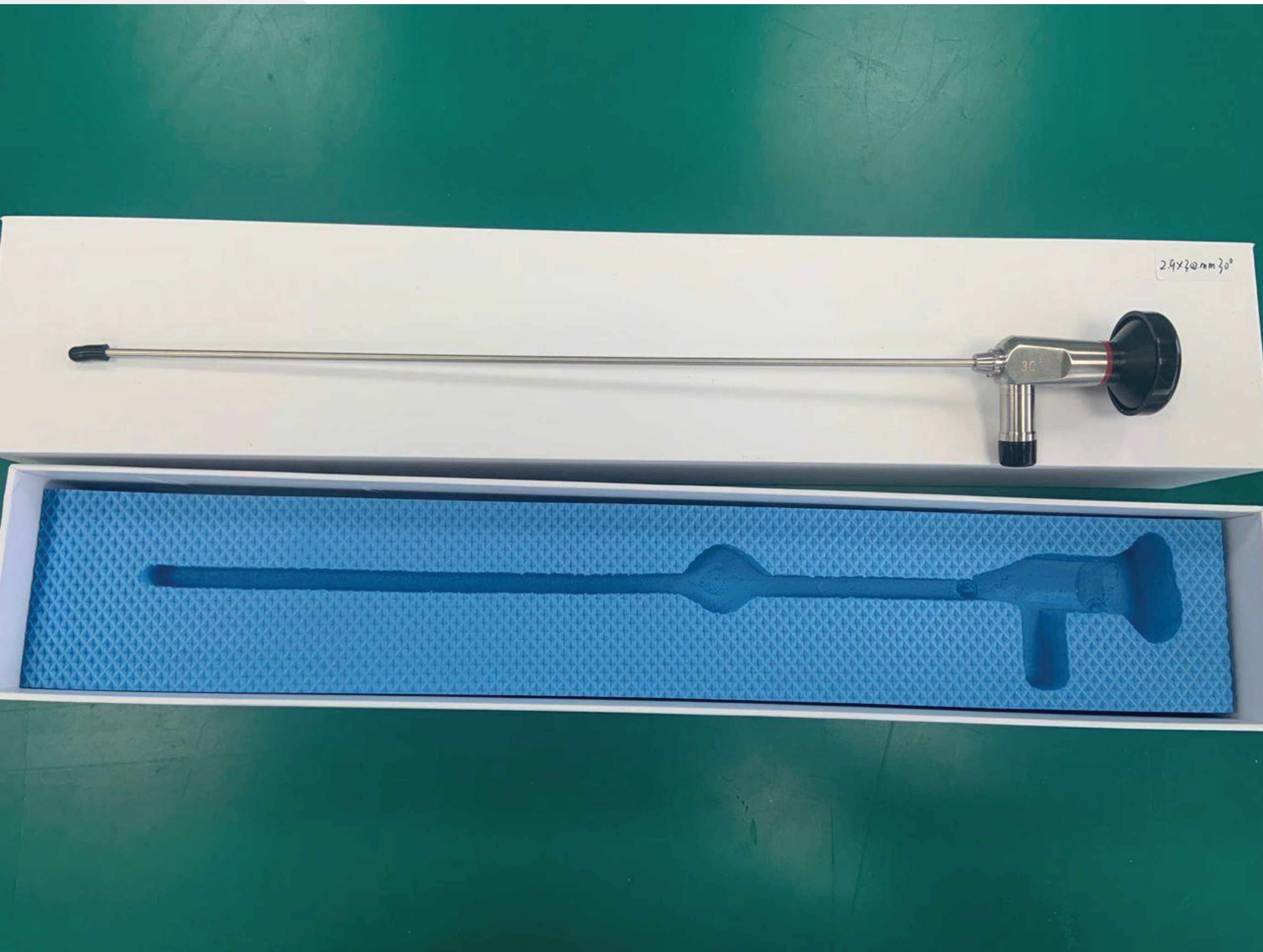
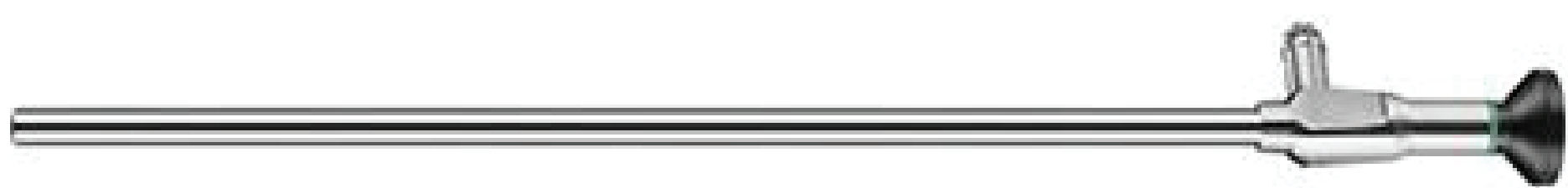
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Optic Endoscopes

Laparoscope

TUE-FQJ

FQJ00.01 Φ 10x330mm 0°
FQJ00.01 Φ 10x330mm 30°



Endoscopic System Workstation

