

Gastro-Specs

LATEST HD VIDEO PROCESSOR Qty 01:

- Video processor should have HD (1920×1080) image quality and endoscopic image enhancement, offering more detailed visualization of the mucosal surface.
- It should have different pattern enhancement technology for detection, demarcation & characterization of lesions including benign & malignant tumors.
- It should have Digital & Optical technology for more accurate In-Vivo diagnosis
- It should have White balance adjustment. Patient data can be stored. Automatic gain control/Exposure control available.
- It should support the detection & demarcation, with picture in picture USB image recording.
- It should have Integrated/Separated HD video recorder for audio, video & image recording purpose & electronic digital zoom function 1.2, ×1.5, ×2.0 for more accurately visualization of tumors
- Video outputs 02×HD-SDI,DVI,RGB,Y/C Composite
- Light Source:
- Main Lamp: Xenon light source with 500hrs & Emergency lamp LED/Halogen with life up to 60,000 hrs.
- Electronic shutter with iris, Auto brightness & manual brightness mode adjustable.
- Pump settings available. Monitoring of lamp usage.
- Xlum mode is present; it has color Red & Blue adjustment.

HD MEDICAL GRADE LED MONITOR Qty 01:

- High Definition Min. 27" Medical Grade Radiance G2 High Definition LCD Panel, LED backlight .
- Ultra HD Resolution (H x V) 1920 x 1080, 16:9 Aspect Ratio.
- Inputs/Outputs: DVI, RGB, BNC, S-Video. HD-YPbPr, 3G-SDI, VGA.

High Definition CCD Gastroscope Qty 01:

- Scope should have HD image quality for Diagnostic & Therapeutic procedures.
- It should have Mega pixel CCD for excellent image quality.
- It should have efficient removal of secretion and control of bleedings
 1. Field of View 140 degree or more.
 2. Depth of Filed 2-100mm
 3. Insertion tube diameter 9.8 mm or less
 4. Instrument channel 2.8-3.2 mm or more.
 5. Working Length 1050mm or better
 6. Wide Range angulations
 - a. Up 210 degree
 - b. Down 120 degree
 - c. Left 120 degree
 - d. Right 120 degree

Amir Nusew

Complete With all standard accessories including biopsy forceps

CCD Duodenoscope. Qty 01:

- Scope should have HD image quality for Diagnostic & Therapeutic procedures.
- It should have Mega pixel CCD for excellent image quality.
- It should have efficient removal of secretion and control of bleedings
- It should have Designed to improve both routine and advanced endoscopic retrograde cholangiopancreatography (ERCP) procedures & maximum facility
- Lateral imaging capability which enables through observation of Duodena.
 7. Field of View 100 degree (Retro 10 or better) or more.
 8. Depth of Filed 4-60mm or better.
 9. Insertion tube diameter 11.6mm or less
 10. Instrument channel 4.2mm or more.
 11. Working Length 1250mm or better
 12. Wide Range angulations
 - a. Up 120 degree
 - b. Down 90 degree
 - c. Left 90 degree
 - d. Right 105 degree

Complete With all standard accessories

High Definition CCD Colonoscope Qty 01:

- Scope should have HD image quality for Diagnostic & Therapeutic procedures.
- HD endoscope should be capable for i-scan imaging.
- It should have Mega pixel CCD for excellent image quality.
- It should have efficient removal of secretion and control of bleedings
- It should have GDF/PB/RIT for to facilitate the colonoscopic examinations to increase patient compliance.
 13. Field of View 140 degree or more.
 14. Depth of Filed 3-100mm or better.
 15. Insertion tube diameter 11.6 mm or equivalent.
 16. Instrument channel 3.7mm or more.
 17. Working Length 1700mm or better
 18. Wide Range angulations
 - a. Up 180 degree
 - b. Down 180 degree
 - c. Left 160 degree
 - d. Right 160 degree.

Complete With all standard accessories including biopsy forceps.

Irrigation Pump Qty= 01

- Warm water technology minimizes chances of spastic colon

Adnan Khan

- Automatic prime button provides instant irrigation upon foot pedal depression
- Irrigate through auxiliary water jet or biopsy channel

Electro Cautry (Electrosurgical Unit) Qty 01

- Proven technology for best ergonomics and handling
- Power settings with rotary push button
- Sealed keyboard for easy selection of different types of currents
- Different connecting sockets to ensure utilization of different accessories.
- Display: power setting constantly under visual control.
- Types of Current:
 - Monopolar cut 1 (Pure cut) max 400 Watt
 - Monopolar cut 2 (Blend cut) max 300 Watt
 - Monopolar cut 3 (Super Blend cut) max 200 Watt
- ENDO Mode max 100 watt: time Controlled Cut Intended for special Applications like Endoscopic, Papillotomy and Polypectomy
- Power Peak- the power boost for "cutting under water"
- Monopolar contact coagulation max 250 watt
- Forced prep Max 120 Watt
- Monopolar spray Coagulation max 120 watt
- Defibrillation proof
- Complete with all accessories

Disinfector Qty 01:

- Compact, cost-effective endoscope reprocessing featuring simple, push-button operation
- Fast cycle time for quick endoscope turn around.
- Individual endoscope channel connections ensure disinfectant and rinse water contact with all channels.
- Pre-programmed cycles for reprocessing cycle repeatability and consistency
- Automatic high pressure washing & cleaning system Self-disinfects internal fluid lines during every cycle.
- Parameter display
- Free standing type and signal Tub

Endoscopy Cart (Supplied locally) Qty 01:

- Trolley based workstation with Antistatic Caster wheels
- Swivel arm for monitor
- Endoscopic Hanger & compatible with above system.

Amir