

Technical Specification for Flexible (Semi Rigid) Video Thoracoscope :

Video Processor with Light Source :

- Integrated unit of video processor with light source
- Halogen lamp 150 W with stand by lamp of equal rating
- Provision for Lamp switch over from main Lamp to stand by Lamp
- Electronic Zoom can be up to 1.5 times or better
- Digital Out Put (IEEE 1394) function.
- Provision for XGA output function
- Should have future up gradation like EndoSono (EUS) & Enteroscope
- Should have RGB AND Y/C with simultaneous output possibility
- Must have Structure/Edge enhancement up to 8 or more levels of settings

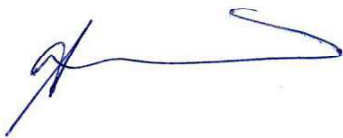
Flexible (Semi Rigid) Video Thoracoscope

Distal End Outer Diameter	: 7.0 – 8.0mm
Insertion Tube Outer Diameter	: 7.0 – 8.0mm
Field of View	: minimum 120 degree
Depth of Field	: 3 – 100mm
Angulation Range	: UP160/Down 130 degree
Working Length	: 270mm
Total Length	: 2.8mm

- Distal end outer diameter 6.0 mm – 6.5 mm or less.
- Insertion tube outer diameter less than 6.2 mm
- Working length of the scope should be 600mm
- Channel diameter can be 2.8 mm or more
- Minimum visible distance 3mm for closer observation & better Diagnostic
- Angulation: Up more than 175 deg/Down more than 120 deg.
- Should be compatible for Electro – cautery instruments.
- If facility like laser compatible with ND; Yag 810nm diode will be considered as added advantage.

Monitor:

- 21 Inches, flat screen, Color LCD monitor
- Screen size 26 inch full HD LCD Panel
- Resolution 1920x1200
- Aspect ratio 16:10
- Multiple Inputs like: HD/SDI, Y/C, RGB, HD15, DVI
- Viewing angle 178 degree
- Display colors 16.8 million



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Endoscopy Trolley

- MS Trolley with Powder Coated
- 4 Cluster Wheels to move the trolley
- Scope Hanger to hold the scope during the procedure
- Provision to keep video processor and Monitor