

UPPER GI VIDEO ENDOSCOPE AND

RELATED ACCESSORIES

Video Gastroscope

Slim, light weight, fully immersible in disinfectant solution

Field of view: 120° to 150°

Depth of field: 3 - 100 mm

Tip Deflection: Up/Down 210°/90°

Left/Right 100°/100°

Rigid distal diameter: Less than 9.8 mm

Insertion tube diameter: Not more than 9.8 mm

Instrument channel: 2.8 to 3.2 mm

Working length: 1050 to 1100 mm

Total length: 1350 to 1400 mm

Xenon light source cum video processor

Integrated or separate units with Xenon lamp

Color System : three CCD Color

Lamp: 300 W Xenon

Appropriate connectors

Image display size: Full and small screen display on monitor

Video outputs: RGB, Y/C & composite output

Light control system: Automatic and manual control

Cooling system: Forced air cooling

Voltage: 220V to 240V (PAL)

Frequency: 50Hz

Video Processing System: (common for all videoscope)

The Video Processor Should have facility of compact flash memory card. Processor should have

Facility to connect balloon enteroscope and endoscopy ultra sound.

LCD Digital Monitor 21", (Colour medical grade)

Endoscopy trolley (should be from OEM): 1

Software for image capturing. DVD recorder, color printer, Archiving memory, report generator.

PC – core i-5 or higher with HDD 250 GB, RAM 2GB, TFT 21 inch, DVD R/W Drive

Other Accessories:

Foreign body removal Forcep

Biopsy forceps

Bite block

Leakage tester

Cleaning brush

Aspiration needle

EB Forceps