



## Video Colonoscope



### COLONO 4500V SERIES

#### A. VIDEO COLONOSCOPE

1. It Have a minimum field of view of 140°.
2. It has a depth of field from 5 to 100mm.
3. The insertion tube have maximum 12.8mm diameter.
- 4 It has an instrument channel of at least 3.2mm inner diameter.
5. it have a minimum working length of 1600mm.
6. it have minimum 180/180 degrees up/down angulations.
7. Have minimum 100/90 degrees right/left angulations.
8. Independent channels for delivering air and water will be preferred.
9. be supplied with all standard accessories including different types of biopsy Forceps each 2 nos., cleaning brushes each 2 nos.

#### B. VIDEO PROCESSOR AND LIGHT SOURCE

1. Single chip camera.



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2. RGB, S-video, composite video output and all these types of video cables

Be provided.

3. White balance function.

4. in-built 150 W halogen light source or xenon or metal halide.

5. stand-by lamp and glow in the event of failure of the primary lamp.

6. Provision for air pump.

7. Compatible for both gastroscope and colonoscope.

8. Work with input 200 to 240Vac 50 Hz supply.

### **C. MONITOR**

1. 14 inches LCD /TFT monitor.

2. Provision for accepting RGB, S-video and composite video signal.

3. Minimum 1Kx1K resolution.

4. have wide viewing angle

### **D. OTHERS**

1. supplied with suitable trolley

2. Trolley has at least 5 power sockets to connect the processor, monitor etc.

### **E. ACCESSORIES**

1. Biopsy Forceps elongated cups with needle fenestrated -1 no

2. Biopsy Forceps-Alligator type with RAT Tooth -1no

3. Air Water Channel Cleaning Adapter-1 no

4. Biopsy Valve -2 nos.

5. Channel plug-1 nos.

6. Channel Cleaning Brush -2 nos.

7. Channel Opening cleaning brush -2 nos.

8. Injection Tube -1 no

9. Suction Cleaning tube - 1no

10. Water resistant cap -1 no