

Specifications and Source of Supply for Video Scope

Sl. No	BHEL's Specification/requirement
1.	Diameter of Probe : Ø6.0 mm to Ø6.5 mm
2.	Probe Length : 3.0 m to 3.5 m
3.	Camera Type : CCD with min 3,00,000 pixels or more
4.	Tip Articulation Angle Up/Down & Right / Left : 120° minimum
5.	Articulation Control : Joy Stick/Lever Controlled
6.	Field of View: Minimum 120°
7.	Direction of view: Forward
8.	Depth of Field: 25 mm to ∞
9.	Insertion Tube Material : Highly Durable Tungsten Braided
10.	Interchangeability of Distal end Optical Adaptor / Tips
11.	Battery Life: 120 minutes minimum continuous operations.
12.	Still Image Recording File Format : JPEG
13.	Movie Recording File Format : MPEG-4/AVI
14.	Thumb Nail Display Feature
15.	Image Title Entry Feature
16.	USB Terminal : 2.0 Version
17.	Recording Medium : Internal Memory : min 1GB External Memory : USB Flash Drive / SDHC Cards with min 4 GB capacity minimum
18.	Operating Temperature For Insertion Tube: Up to 80-100°C
19.	Water Proof
20.	Harsh Environment Resistant (Rain / Dust)
21.	Monitor Size : LCD monitor with size 3.7" minimum
22.	Light Source : LED/Xenon Lamp
23.	Digital Zoom : 3X minimum
24.	Power Supply AC : 100- 240V DC with battery
25.	Weight of the Instrument along with LCD monitor, probe & Battery excluding carrying case : Less Than 5 Kgs
26.	Video Signal Out Put : RCA / VGA
27.	Complete Service Facility in India

Other Technical Requirements

- 1) Commissioning and training for Users to be given on free of cost at our campus.

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05/12/2010.