

VIDEO BOROSCOPE - TECHNICAL SPECIFICATIONS

#	Parameter	Value/Compliance
1	Diameter of Probe	minimum Ø6.0 mm upto Ø8.5 mm
2	Probe Length (min)	minimum 6m
3	Camera Type	CCD with min 3,00,000 pixels (or better)
4	Articulation Control	Joy Stick/Lever Controlled
5	Tip Articulation Angle Up/Down & Right/Left	120° minimum
6	Field of View	120° minimum
7	Direction of view	Forward
8	Depth of Field (min)	25 mm to ∞
9	Insertion Tube Material	Highly Durable Tungsten Braided
10	Battery Life (min)	90 minutes
11	Still Image Recording File Format	JPEG/bmp/png
12	Movie Recording File Format	MPEG-4/AVI
13	Recording Medium	Memory - USB Flash Drive / SDHC Cards with 4 GB capacity minimum
14	Operating Temperature For Insertion Tube	Up to 80-100°C
15	Monitor Size (min)	3.7" LCD or better monitor
16	Light Source	LED/Xenon Lamp
17	Digital Zoom (min)	3X
18	Power Supply	AC : 100- 240V; DC with battery
19	Weight of the Instrument along with LCD monitor, probe & Battery excluding carrying case	Less Than 5 Kgs
20	Video Signal Out Put	RCA / VGA
General Specifications to be complied		
21	Data Transfer option should be provided	
22	Equipment should be Water Proof	
23	Equipment should be Harsh Environment Resistant (Rain/Dust)	
24	Thumb Nail Display feature should be provided	
25	Image Title Entry feature should be provided	
26	Distal end Optical Adaptor/Tips should be interchangeable	
27	Complete service facility should be provided in India	
28	Commissioning and training for users are to be given on free of cost at our campus	


(DHANALAKSHMI. M)
SR. ENGINEER - TX.

