

ENR:15:PS:0005:PUR:14

VIDEO BOROSCOPE - TECHNICAL SPECIFICATIONS

#	Parameter	Value/Compliance
1	Diameter of Probe	Ø6.0 mm to Ø6.5 mm
2	Probe Length (min)	3.0 m to 3.5 m
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
12	Movie Recording File Format	MPEG-4/AVI
13	Recording Medium	External 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	


7/8/15