

Major category : UNSPSC -

Sub Category : - UNSPSC Code -

Ophthalmic Operating Microscope : UNSPSC Code -

S.No.		Gr ou pin g		Value 1	Value2	Value 3	Value 4	Valu e 5	Value 6	Gol den	Vali datio n	Whet her Filter Requ ired	P r i o r i t y	U n i t
1	Purpose	P	E	It is used to see high contrast and detailed imaging of all regions of the human with the help of an apochromatic lens (or apo) which provide high light transmission, permitting high-quality imaging at lower light intensities.						G				
2	Ophthalmic Operating Microscope shall be suitable for both anterior and posterior segment surgery	P	E	Yes						G				
3	Ophthalmic microscope should have apochromatic optics	P	E	Yes						G				
4	Mode of Magnification	P	E	5 step	Motorized continous magnification					G				
5	Magnification factor	P	E	0.4 to 2.4 for continous magnification	04x,0.6x,1.0x, 1.6x and 2.5x for 5 step					G				
6	The working distance of objective lens F supplied in mm	P	E	170	180	190	200	210		G				
7	Range refractive power for the eyepiece diopter adjustment in diopter	P	E	Minsus 8 to Plus 8						G				
8	Availability of XY Coupling with motorised foot control	P	E	yes						G				

9	XY Coupling via foot control			40x40						G				
10	Waterproof foot control panel with 14 functions and 3.0m cable for control of on /off and Intensity control, zoom fine focusing, x-y movements etc.			Yes						G				
11	IPD adjustment range in mm			55 to 75						G				
12	Availability of red reflex switching in /out facility	P	E	Yes						G				
13	Should have 0-180 degree inclinable binocular tube with converging optics	P	E	Yes						G				
14	Range of magnification	P	E	3x to 20 x	3x to 30 x					G				
15	Range of field of view in mm	P	E	10 to 50						G				mm
16	Type illumination for unique recognition	P	E	Stereo co-axial	Co-axial					G				
17	Type of coaxial illumination	P	E	Fibre optic light guide	Direct LED illumination					G				
18	Type of illumination	P	E	Xenon	LED					G				
19	MaImage inverting integrated in Binocular tube	P	E	Yes	No					G				
20	Integrated Blue Barrier	P	E	Yes						G				
21	Adaptable for Assistant microscope with stereo co observation tube with beam splitter(80:20)/70:30 external/integrated in the microscope body for additional stereo co observation attachment /documentation	P	E	Yes						G				
22	Should have tool free design for stand by bulb change and for failed bulb replacement(Applicable for halogen & Xenon)	P	E	Yes	N/A For LED					G				
23	Backup LED illumination integrated in system	P	E	Yes	No (for Halogen & Xenon)					G				
24	Should have heat absorbing and UV Filters,retina protection device and contrast enhancement aperture	P	E	Yes						G				
25	Should have floor standing type with fiber wheels with brake	P	E	Yes						G				
26	High quality programmable rust free floor stand with large swivel arm magnetic breaks and clutches for easy positioning through handles and suspension arm.	P	E	Yes						G				

42	Certifications for product	C&F	E	US FDA	European CE	Both USF DA & Eurpe an CE											
43	Certification no and date to be indicated Text	C&F	T														
44	Manufacturer should have ISO certification for quality standards	C&F	E	Yes													
45	ISO Certification No and date	C&F	T	Yes													
46	Copies of certifications to be furnished to buyer on demand after placement of order	C & R	E	Yes													
Mr.Ajmer Singh (TA)				Shri A V Muralidhran (Dy CEO)													

