

Technical specification for UV-Visible Spectrometer

S.NO	Specification		Compliance (Yes/No)	Reference Page No.
1.	Wavelength Range	200nm - 800nm		
2.	Optical Resolution	0.73 nm FWHM		
3.	Integration Time	6ms - 10s		
4.	Dynamic Range	12000:1		
5.	Input Fiber Connector	SMA 905		
6.	Onboard Averaging	Up to 5000 spectra		
7.	Onboard Memory	50000 spectra		
8.	Signal to Noise Ratio	400:1		
9.	Stray light	>3 AU		
10.	Thermal Stability:	/- 1 pixel from 0 to 40°C		
11.	Detector	Back-thinned CCD image sensor		
12.	Entrance slit	10 μm		
13.	A/D Resolution	16 bit		
14.	Connectors	USB 40 pin JAE DD4 connector Gigabit Ethernet		
15.	Weight	400 g		

(Note: It is mandatory for the bidders to provide the compliance statement in tabular column format along with catalogue page number (comply/not comply) for the Above points with document proof as required. Failing which bidders will be technically disqualified)