

DOUBLE BEAM UV SPECTROPHOTOMETER - 4 Nos.

(Tender Ref. No. NIN/ST/12/Tender/2019/Double Beam Spectro./43)

Specifications:

Photometric system	: Double-beam optics
Wavelength Range (nm)	: 190-900
Wavelength Accuracy (nm)	: +/-0.2 or better
Wavelength Repeatability (nm)	: +/-0.1 or better
Spectral Bandwidth (nm)	: 1
Light Source	: Xenon flash lamp / Halogen lamp, Deuterium lamp
Stray Light	: Max. 0.02% (220 nm NaI 10 g/L aqueous solution) or better
Photometric Mode	: Absorbance, Transmittance (%)
Photometric Range	: 0 to 3 Abs or better
Photometric Accuracy	: ± 0.005 Abs at 1 Abs
Photometric Reproducibility	: ± 0.005 Abs at 1 Abs
Wave length scanning speed	: 10-6000 nm/min
Scan/Slew Speed	: 12500 nm/min or better
RMS noise	: 0.0005 Abs
Baseline stability	: 0.0005 Abs/hour
Detector	: Photo Multiplier Tube/Silicon Photo Diode
Warranty	: Three Years