

Corrigendum

Tender notice number : SSP/AJP/14/39 dated: 04.09.2014

Updated technical specification of UV/Vis/NIR spectrofluorometer

- 1) Excitation Source: Xenon Lamp, 150 W or more (tunable)
- 2) Monochromators: Grating-based excitation monochromator. Grating-based double-monochromator for emission. Excitation range = 250-1000 nm; Emission range = 300-1700 nm. Resolution = 0.2 nm (for UV/Vis) and 0.5 nm (for NIR) for both excitation and emission monochromator.
- 3) Detectors: 250 ó 1700 nm, with excitation correction (smooth transition between detectors preferred)
- 4) Polarizers in excitation and emission pathways (automated, computer-controlled)
- 5) Holder for cuvettes
- 6) Thin-film sample holder
- 7) Integrating sphere for quantum efficiency measurement
- 8) Cut-off filters and filter holder, so that output spectrum is free from harmonics.
- 9) Attachment to measure phosphorescence (lifetime up to 1 microsecond)
- 10) Attachment to measure lifetime of the phosphorescence emission
- 11) Warranty: 3 years