

UV-Vis-NIR Spectrophotometer

UV-Vis-NIR spectrophotometer is a high sensitivity, high resolution, low stray light instrument for transmission and absorption measurements of powder, thin films, solid and liquid samples. It will normally be fitted with an Integrating Sphere with a working range of 185 to 3300 nm.

Make and Model:

Shimadzu (Japan)

UV-NIR-3600

Specification/ Features:

- Experiments can be performed with wide range of wavelength 185 nm - 3300 nm.
- Equipped with 3 detectors
 - i) PMT (photomultiplier tube) for the ultraviolet and visible regions.
 - ii) InGaAs and PbS detectors for near infrared regions.
- High performance double monochromator and ultra-low stray light (less than 340 nm) is achieved at high resolution (highest resolution 0.1 nm).
- Suitable for powder, thin films, solid and liquid samples.
- Variable temperature measurement facilities available



Available mode of use:

- Solid
- Liquid

Whether the facility is open to external users: Yes

Location:

Room no. 370, Second Floor, Central Facility

Department: Department of Chemistry

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