

UV/VIS spectrophotometer

Description/Parameters

Double-beam spectrophotometer with five variable slit widths and double monochromator for reducing stray light. Ideal for turbid samples with particularly high absorption and higher stray light component.

Utilization/Services

Quantitative measurement of the absorption/transmission of a material as a function of wavelength.

- Real-time double beam, double monochromator spectroscopy system
- Optical components: PELTIER cooling dual detector technology, namely CCD detector
- Light source: deuterium lamp and halogen lamp, software automatic switch
- Large sample warehouse: easy to use and connect various accessories
- Integrating sphere for the measurement of scattering solid or liquid samples in transmittance or reflectance
- Wavelength range: 185 nm—1100 nm
- Spectral bandwidth: 0.2, 0.5, 1, 2 and 4 nm, five levels adjustable
- Scan rate: 12000nm/min
- Micro cuvette
- Phosphate, nitrate, nitrite sets

