

## UV-Visible NIR Spectrophotometer

Brand: Perkin Elmer, USA

Model: Lambda 1050+

**General Usage:** The spectrophotometer is a high performance double beam, double monochromator instrument that covers a wavelength range from 175 to 3300 nm. It can be used for colorimetric measurements, scanning the spectrum of sample, kinetic measurement of a reaction, studying the optical properties of materials etc. In addition to normal liquid sample, the spectrophotometer is installed with a 150 mm integrating sphere for studying reflectance and transmission properties of solid or highly absorbing samples.

**Application:** Colorimetric measurement of water samples, kinetic study of reaction, surface characterization of solids, such as dyes, paper, glass etc, photometric analysis of turbid, colloidal, or transparent samples.

