

# UV-Vis Spectrophotometer for Education and QC

The SP-UV1200 UV-VIS spectrophotometer is suited for education and QC labs. It supports photometric, quantitative, and dynamic testing via standard sample solutions, with results shown on its LCD screen.



## Overview

### Professional Spectrophotometry

The SP-UV1200 UV-VIS spectrophotometer is an essential instrument for educational institutions and quality control laboratories. It offers robust performance for photometric, quantitative, and dynamic testing while ensuring data integrity with built-in storage and power-cut protection. With a user-friendly interface and support for diverse cuvette sizes, it provides a versatile solution for general quantitative analysis in colleges and industrial enterprises.

## Key Features

### Core Capabilities

- Large 128x64 LCD screen displaying curves and equations
- Storage for 200 groups of data and 100 standard curves
- Data recovery feature following sudden power interruptions
- Automated wavelength setting
- Independently controllable tungsten and deuterium lamps

## Optical Performance

### Performance Metrics

**200 nm**

Wavelength Range Start

**1000 nm**

Wavelength Range End

**4 nm**

Spectral Bandwidth

**0.3 %T**

Stray Light

## Physical and Technical

### System Specifications

Parameter	Detail
Optical System	Single beam, grating 100 lines/mm
Detector	Silicon photodiode
Dimensions (W*D*H)	470*370*180mm
Weight	14kgs
Power	AC110/220V 50/60Hz

## Connectivity

### Communication Ports

USB, Parallel Port