

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