

## Advanced Single Beam UV-VIS Spectrophotometer



**Product Categories:** [Analytical Lab Instruments](#)

**Product Tags:** [Analytical Laboratory Equipment](#)

**Product Page:**

[https://www.labappara.com/product/advance-single-beam-uv-vis-spectro%  
c2%ac165000-photometer/](https://www.labappara.com/product/advance-single-beam-uv-vis-spectro%c2%ac165000-photometer/)

### Product Description

Advanced Single Beam UV-VIS Spectro photometer - Analytical Laboratory Equipment

Cuvette Holder USB Pot Computer Interface Highly Accurate & Stable High wavelengths Precision

Compact & Good Looking Shape

A versatile, Rugged, Easy to operate

Accurate Instrument to determine Absorbance, % Transmission and Concentration of Liquids.

Along with scanning facility.

## Optical Design

Single-beam, grating-based, dual detectors

## Display

6 inches 128×64 dots back light digital LCD

## Data Interface

RS232(printout or communication)

## Printer

Thermal graphics printer or universal Printer

## Languages

Software, printout and operators manual: English

## Software

Photometric measurement (Absorbance ration, Absorbance difference)

Spectral measurement (Survey scan)

Quantitative measurement (Standard curve, Multi wavelength)

Kinetic measurement

## Keyboard

Membrane Key Pad

## Cell Holder

4-position automatic cuvette rack for 4 cuvettes - 10 MM.

## Spectral Bandwidth

2 nm

## Optical Design

Split-beam, grating-based, dual detectors

## Lamp Source

Prealigned deuterium lamp with 3000 hours lifetime, Halogen-Tungsten Lamp with 10000 hours lifetime

## Wavelength Range

190-1100nm

## Wavelength Accuracy

$\pm 0.5\text{nm}$

## Wavelength Reproducibility

$\leq 0.2\text{nm}$

## Photo metric range

0-999.9%T

-3A-3A

0-9999C

## Photo metric Accuracy

$\pm 0.3\%(t)$  (0-100%t)

0.002A (0-0.5A)

0.004A(0.5-1A)

## Photo metric Reproducibility

$\leq 0.15\%(t)$  (0-100%t)

0.001A(0-0.5A)

0.002A(0.5-1A)

## Photo metric Readout

Absorbance, Transmittance, Concentration Energy

## Noise

$\pm 0.001A$

## Drift

0.001A/h

## Stray Light

$\leq 0.05\%(t)$  (220nm, NaI)

## Power Requirements

Automatically adapted input power 100-240volts

## Warranty

1 Year Warranty.