



### ► Features

- Double beam path design; it reduces circuit fluctuation and stray light, and also ensures high stability of the instrument.
- Interchangeable bandwidth 0.5 nm/ 1.0 /2.0/ 4.0 nm to adjust the adequate resolution.
- The baseline, wavelength and dark current can be calibrated automatically to keep the device in good running conditions.
- 6 inches large LCD display, to operate and show the results
- Equipped with a stand-alone operation system, for functions like spectrum scanning, standard curve, kinetics and more.
- It includes analysis software to operate the instrument from a PC.

### ► Functions

- Auto diagnosis system
- Auto calibration wavelength
- Absorbance, transmittance and energy measurement
- Wavelength scanning
- Kinetics analysis
- Multi wavelength measurement
- Nucleic acids and proteins concentration measurement

### ► Accessories Included

- Two standard 10mm quartz cells
- Four standard 10 mm glass c ells
- Software kit (USB cable, disk, dongle for software)
- Plastic sleeve

## TECHNICAL DATA

<b>Model</b>	<b>VE-9000S</b>
<b>Optical system</b>	Double beam, 1200 lines/mm grating.
<b>Wavelength range</b>	190-1100 nm.
<b>Bandwidth</b>	0.5nm/ 1 nm/ 2 nm/4 nm.
<b>Photometric range</b>	-0.3 to 3.0A, 0 to 200%T, 0 to 9999 C.
<b>Wavelength accuracy</b>	±0.3 nm.
<b>Wavelength repeatability</b>	≤0.1 nm.
<b>Photometric accuracy</b>	±0.2%T.
<b>Photometric repeatability</b>	≤0.1%T (0-100%T).
<b>Stray light</b>	≤0.03%T@220 nm, 360 nm.
<b>Stability</b>	±0.0003 A/h @500 nm.
<b>Detector</b>	Sillicon photodiode.
<b>Lamps</b>	Tungsten/halógen lamp (Visible) and deuterium (UV).
<b>Display</b>	320 x 240 dots LCD.
<b>Compatible cuvettes</b>	Standard cuvettes 10 mm.
<b>Data Export</b>	USB/A port and parallel port.
<b>Power requirements</b>	110V/60 Hz AC.
<b>Dimension</b>	625 x 430 x 206 mm.
<b>Warranty</b>	1 year