



### ► Features

- It is an analytical instrument with high precision and photometric stability.
- Optical system with double beam, for the simultaneous reading of the sample and the blank.
- Idea for applications such as chemical, biochemical, petrochemical, environmental protection.
- Storage of all your data on computer equipment.

### ► Functions

- Measurement of absorbance.
- Wavelength scan
- Measurement with multiple wavelengths
- Quantitative analysis: Creation of concentration and factor curves.
- Photometric analysis
- Measurement of transmittance
- System self-diagnosis
- Kinetic analysis

### ► Accessories Included

- Three-phase cable
- Plastic sleeve
- Two 10mm quartz cells
- Software kit (USB cable, disk, adapter for software)
- Two 10 mm glass cells

## TECHNICAL DATA

<b>Model</b>	<b>VE-8000A</b>
<b>Wavelength range</b>	190-1100 nm.
<b>Bandwidth</b>	1 nm.
<b>Wavelength accuracy</b>	± 0.3 nm.
<b>Wavelength repeatability</b>	± 0.2 nm.
<b>Optical System</b>	Double Beam Littow, 1200 Lines/mm grating.
<b>Calibration</b>	Automatic.
<b>Wavelength response</b>	± 0.002A.
<b>Diffused light</b>	≤0.05% T at 220nm and 360nm.
<b>Features</b>	Absorbance, transmittance, concentration, factor.
<b>Photometric range</b>	0-200% T, -0.3-3.0A.
<b>Stability</b>	0.002 A / h at 500nm.
<b>Detector</b>	Silicon photodiode.
<b>Light source</b>	Tungsten-halogen and Deuterium.
<b>Printer output</b>	Parallel port.
<b>Data output port</b>	USB.
<b>screen</b>	LCD.
<b>Dimensions</b>	625 x 430 x 206 mm/ 24.6" x 16.9" x 9.0".
<b>Power Supply</b>	AC 110-220V, 50/60 Hz, 3.15 A.
<b>Warranty</b>	1 year