V-1500PC Visible Spectrophotometer

Introduction

- Single-chip microcomputer control, LCD Screen (128*64 Dots).

- Large LCD display can display multiple sets of data.

- Huge memory space to store multiple sets of data and curves.

- Auto zero,100% adjustment function.

- Auto wavelength adjustment.

- Auto filter changing, large sample pool (5mm ~ 100mm).

- Standard samples having a maximum ten-point standard curve measurement functions built.

- Direct input by K, B factor for quantitative measurement standard curve.

- Can be directly input standard sample and the corresponding standard concentration values and establish a standard curve for quantitative measurement.

- Switch off power save standard curve parameter measuring set.

- General Parallel printer interface with or slightly beat interfaces can print the title bar, the measurement data, curve parameters, the standard curve and the curve sample points.

- With USB interface.

- PC control can be achieved through more accurate and flexible measurement requirements (standard).

Optical Specifications

Wavelength Range	320～1100nm
Band Width	2nm
Wavelength Accuracy	±0.5nm
Wavelength Repeatability	≤0.2nm
Photometric Accuracy	±0.3% τ
Photometric Repeatability	0.15% τ
Stray Light	≤0.05% τ (340nm NaNO2)
Stability	0.001A/h@500nm
Photometric Mode	T,A,C,E
Wavelength Setting	Automatic
Photometric Display Range	-0.3～3A
Display mode	LCD Screen (128*64 Dots)
Detector	Import Silicon Photodiode
Light Source	Import Tungsten Lamp
Power Requirement	AC 220V/50Hz 110V/60Hz
Power	120W
Dimensions(W*D*H)	480×350×220mm
Weight	11Kg