

V-1500CPC Visible Spectrophotometer



Introduction

- Single-chip microcomputer control, Touch LCD Screen (7 inches).
- 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) Technical Specifications.

Optical Specifications

Wavelength Range	320~1100nm
Optical circuit structure	C-T type
Band Width	2nm
Wavelength Accuracy	±0.5nm
Wavelength Repeatability	≤0.2nm
Photometric Accuracy	±0.3% τ
Photometric Repeatability	0.15% τ
Stray Light	≤0.04% τ (340nm NaNO ₂)
Stability	0.001A/h@500nm
Photometric Mode	T,A,C,E
Wavelength Setting	Automatic
Photometric Display Range	-0.3~3A
Display mode	Touch LCD Screen (7 inches)
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