

# UV-1300PC UV-V 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.
- Wavelength automatic adjustment.
- Wrap lights, automatic filter change , 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 and the corresponding standard concentration values establish a standard curve for quantitative measurement.
- Adjustable electric saving standard curve parameter measuring set, can save a plurality of standard curve.
- Can be edited at any time of the standard curve , user-friendly.
- 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	190~1100nm
Band Width	4nm
Wavelength Accuracy	±0.5nm
Wavelength Repeatability	≤0.2nm
Photometric Accuracy	±0.3% τ
Photometric Repeatability	0.15% τ
Stray Light	≤0.05% τ (220nm NaI, 340nm NaNO <sub>2</sub> )
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 Deuterium Lamp & Tungsten Halogen Lamp
Power Requirement	AC 220V/50Hz 110V/60Hz
Power	120W
Dimensions(W*D*H)	480×350×220mm
Weight	15Kg