

UV-1500PC 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

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|---------------------------|--|
| Wavelength Range | 190~1100nm |
| 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 (220nm NaI, 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 | 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 |