

S-3000 UV-VIS SPECTROPHOTOMETER

Product description, technical parameters and configuration

The instrument adopts advanced single-chip technology, large-scale integrated circuit design greatly improves the scalability and reliability of the system, features such as low baseline scanning noise, huge memory space, blue and white color matching, smooth linear design, frosted surface, and resistant Ultraviolet light

Features

- 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
- 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 or 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)



Technical Specifications

Wavelength Range	190 ~ 1100nm
Optical circuit structure	C-T type Parallel double beam
Band Width	2nm
Wavelength Accuracy	±0.5nm
Wavelength Repeatability	≤0.2nm
Photometric Accuracy	±0.3% τ
Photometric Repeatability	0.15% τ

Stray Light	$\leq 0.04\% \tau$ (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	Touch LCD Screen (7 inches).
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 x 350 x 220mm

Applications

- Beverage
- Drinking water
- Industrial water
- Pharmaceutical
- Power
- Wastewater