

S-1000 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, LCD Screen (128 x 64 Dots)
- Large LCD screen, can display multiple sets of data.
- Large memory space ,can store multiple sets of data and curve.
- Auto zero,100% adjustment function
- Auto wavelength adjustment
- Auto filter changing, large sample pool (5mm ~ 100mm)
- With up to ten standard sample for measurement function of standard curve establish
- Through direct input K, B factor is established for quantitative measurement of standard curve
- Can be directly input standard sample and the corresponding concentration values to establish the standard curve for quantitative measurement
- Switch off power save standard curve parameter measuring set
- Can be done any standard curve editor, convenient for use.
- With general parallel printer interface or printer interface, can print title bar, measurement data, curve of standard sample curve, and the curve.
- With USB interface
- Can achieve more accurate and flexible measurement with PC control (optional) Technical Specifications



Technical Specifications

Wavelength Range	325 ~ 1000nm
Band Width	2nm
Wavelength Accuracy	±1.0nm
Wavelength Repeatability	0.2nm
Photometric Accuracy	±0.5% τ
Photometric Repeatability	0.2% τ

Stray Light	$\leq 0.05\% \tau$ (340nm NaNO ₂)
Stability	0.001A/30min@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 Detector
Light Source	Import Tungsten Lamp
Power Requirement	AC 220V/50Hz 110V/60Hz
Power	120W
Dimensions(W*D*H)	460 x 330 x 210mm
Weight	9Kg

Applications

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