

S-100 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, digital display
- Auto zero, 100% adjustment function
- Can be directly enter F factor and establish a standard curve for concentration direct-reading
- Can be directly input standard sample and the corresponding standard concentration value for concentration measurement
- Equipped with general parallel printer interface, measurement data can be printed.
- With USB interface
- Can achieve more accurate and flexible measurement requirements via PC control (optional)

Technical Specifications

Wavelength Range	325 ~ 1000nm
Band Width	4nm
Wavelength Accuracy	±2.0nm
Wavelength Repeatability	1.0nm
Photometric Accuracy	±0.5% τ
Photometric Repeatability	0.2% τ
Stray Light	≤0.05% τ (340nm NaNO ₂)
Stability	0.001A/30min@500nm
Photometric Mode	T,A,C,E
Wavelength Setting	Maual
Photometric Display Range	-0.3 ~ 3A
Display Mode	4 LCD display

Detector	Import Silicon Photodiode
Light Source	Import Tungsten Lamp
Power Requirement	AC 220V/50Hz 110V/60Hz
Power	120W
Dimensions(W*D*H)	360×280×190mm
Weight	9Kg

Applications

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