



AE-S60 Series

UV VIS Spectrophotometer



Applications

- Can display wavelength, absorption and transmittance with 5 results per screen. It also has a memory store of up to 200 results.
- It can set up various standard curves according to customer's solutions and find the concentration of unknown solutions.
- Equipped with imported deuterium lamp which ensures low stray light, photometric accuracy and is easy to be replaced.
- Optional software UV-Professional can expand the applications to Spectrum scanning, kinetics and quantitative, etc.

Key Features

- Single beam spectrophotometer with highly stable optics.
- Extremely versatile with full functionality from UV range 190-1000nm & VIS range: 325-1100nm
- Spectral bandwidth 4nm.
- 2.5 inches LCD Display.
- USB port for data storage.
- ISO/CE Certificate passed.
- A & E Lab PC software available.
- Extensive range of accessories available.

Function

- T Mode: Measure the Transmittance of samples
- A Mode: Measure the Absorbance of samples
- C Mode: Standard Curve method, can use at most 9 standard samples to create a new standard curve, and to measure the unknown samples by the new one.
- F Mode: Coefficient Method, Input the known K and C to measure the unknown concentration samples.

Ordering Information

Order Code	Description
AE-S60-2U	190-1000nm, Bandwidth: 2/4nm (optional)
AE-S60-2UPC	190-1000nm, Bandwidth: 2/4nm, with PC software.
AE-S60-4U	200-1000nm, Bandwidth: 4nm.
AE-S60-4UPC	200-1000nm, Bandwidth: 4nm, with PC software.
AE-S60 Series Visible Spectrophotometer	
AE-S60-4V	325-1000nm, Bandwidth: 4nm.
AE-S60-4VPC	325-1000nm, Bandwidth: 4nm, with PC software.

Technical Specifications

Wavelength		Photometric	
Wavelength Range	UV range: 190-1000nm VIS range: 325-1000nm	Photometric Accuracy	±0.5%T
Band Width	4nm	Photometric Repeatability	0.3%T
Wavelength Accuracy	±1nm	Photometric Display Range	0-200%T, -0.3-3.0A, 0-9999C
Wavelength Repeatability	0.5nm	Stability	0.002A/h @ 500nm
Wavelength Setting	Auto	Stray Light	≤0.3%T @220nm, 360nm
Data Output Port	USB		
Printer Port	Parallel Port		
Optical System	Single Beam (1200 lines/mm grating)		
Display	128x64 Dots LCD		
Detector	Silicon Photodiode		
Software	UV or VIS software		
Packing Size & Weight	550×420×280mm & 14kg		