



Customized AE-S60-4U (A) UV-VIS Spectrophotometer



Key Features:

- * Single beam spectrophotometer with highly stable optics.
- * Extremely versatile with full functionality from UV range 200-1000nm.
- * Spectral bandwidth 4nm.
- * 2.5 inches LCD Display.
- * USB port for data storage.
- * ISO/CE Certificate passed.
- * A & E Lab PC software standard.
- * Extensive range of accessories available.

Application:

- * 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.
- * Standard software UV-Professional can expand the applications to Spectrum scanning, kinetics and quantitative, etc.

Functions:

- ❖ T Mode: Continuously measure the Transmittance of samples
- ❖ A Mode: Continuously 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-S60-4U (A)	190-1100nm, Bandwidth: 4nm, with PC software.

Technical Specifications:

Wavelength		Photometric	
Wavelength Range	UV range: 190-1100nm	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		