

UV / VIS Spectrophotometer

AUV - 61 Series

Single Beam



Long light path design

• AUV61S series unique 520mm long light path design greatly improved resolution and the bandwidth can reach 0.5nm.

Multi functions on spectrophotometer

• Multi functions operated directly on the spectrophotometer and display the test result curve and data wavelength scanning, standard curve, kinetics, multi wavelength scanning, DNA/Protein test.

16mm optical base

• AUV-61S series use a rigid 16mm die-cast aluminum base as reliability.

Perfect calibration system

• All baseline, wavelength, dark current can be calibrated automatically to keep good running conditions.

Display

• 6" LCD display to show results and curves directly on the screen.

Date output

• AUV-61S series are equipped with USB port to connect with a PC, and the software comes standard with the instruments.

Powerful software functions

• Multi functions like spectrum scanning, standard curves, kinetics, multi wavelength scanning, DNA/Protein testing can be operated directly on the PC.

Standard Accessories

Item	Description	Qty.	Unit
1	Spectrophotometer	1	Set
2	1 cm Glass cuvette	4	pcs
3	Power cord	1	pcs
4	User's Manual	1	pcs
5	1 cm quartz cuvette	2	pcs
6	Dust Cover 1	1	pcs
7	Software	1	pcs

Model	AUV 61/ AUV-61A / AUV-61S
Wavelength Range	190 - 1100nm
Band Width	1.8nm / 1nm / 0.5, 1.0, 2.0, 4.0nm
Wavelength Accuracy	± 0.3nm
Wavelength Repeatability	0.2nm
Photometric Accuracy	± 0.3%T
Photometric Repeatability	0.2%T
Photometric Range	-0.3-3A, 0-200%T, 0-9999C
Stability	± 0.002A/h @ 500nm
Baseline Flatness	± 0.001A/h
Noise	± 0.001A/h
Stray Light	≤ 0.05%T @220nm, 360nm
Data Output port	USB
Printer Port	Parallel Port
Display	320 x 240 x Dots LCD
Lamps	D2 Lamp & W Lamp
Detector	Silicon Photodiode
Power Requirements	AC 220V/50Hz or 110V/60Hz
Dimension (LxWxH)	625 x 430 x 206mm
Weight Approx.	28 kg

WORLDWIDEMARKETING

ACZET PVT. LTD.

Unit E2, Plot No. 15, WICEL Estate, Opp Seepz Gate No. 1, Andheri (E), Mumbai 400 093. (INDIA)
 Tel. : +91-22-4243 7700 • Fax : +91-22-4243 7800 • E-mail : sales@aczel.com • Web : www.aczel.com