

UV/VIS Spectrophotometer

AUV - 5 Series

Single Beam



aczel



Features

Equipped with a 2.5 LCD screen to give a clear display of standard curves and groups of results.

Standard curve

Can set up various standard curves according to customer's solutions and find the concentration of unknown solutions.

Multiple results readout

Can display wavelength, absorption and transmittance with 5 results per screen. It also has a memory store of up to 200 results.

Data output

Equipped with USB port to connected with a PC to display spectrum scanning, kinetics and multi wavelength testing results on the screen. The software is optional.

Imported deuterium lamp

AUV-5 is equipped with imported deuterium lamp which ensures low stray light, photometric accuracy and is easy to be replaced.

Auto setting wavelength

Users set Wavelength automatically through arrow keys to avoid operation errors.

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 |

| Model | AUV-5 |
|---------------------------|--|
| Optical System | Single Beam, Grating 1200 lines / mm |
| Wavelength Range | 190 - 1000nm |
| Band Width | 4nm |
| Wavelength Accuracy | ± 1nm |
| Wavelength Repeatability | 0.5nm |
| Wavelength Setting | Auto |
| Photometric Accuracy | ± 0.5%T |
| Photometric Repeatability | 0.3%T |
| Photometric Range | -0.3 - 3A |
| Stray Light | ≤ 0.200%T |
| Stability | ± 0.002A/h @ 500nm |
| Display | 128*64 Dots LCD |
| Detector | Silicon Photodiode |
| Standard Cell Holder | 4 - position 10mm cell changer |
| Light Source | Tungsten Lamp /Tungsten Lamp & D2 Lamp |
| Output | USB Port & Parallel Port (Printer) |
| Power Requirements | AC 85 ~ 250V |
| Dimension (LxWxH) | 420 x 280 x 180mm |
| Weight Approx. | 12 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