

Visible Spectrometer

AV-5 Series



aczel



AV-5 is a single beam visible spectrophotometer with manual wavelength setting. It is a basic model and ideal choice for routine analysis and general experiments. This specially designed single beam spectrophotometer is a low cost spectrophotometer which offers high performance, easy operation and wide application.

Grating monochromator

AV-5 uses, 1200 line grating which ensures high parameters accuracy.

Data output

AV-5 is equipped with USB port which can be connected to PC to edit data through specific software. Data can also be printed through parallel port when connected to a micro printer.

Four Display Mode

AV-5 can display absorption, transmittance, concentration and coefficient directly by different mode switching

Microprocessor Controlled

With microprocessor controlled, AV-5 can realize auto Zero and auto 100%T adjustment with one push-button, V-5000 has a LCD display instead of LED display direct readout of Transmittance, for direct

Compact design, easy to carry

The compact design of AV-5 saves bench space while all components function remain performed like 120mm wide sample compartment and long optical path monochromator.

Model	AV-5
Optical System	Single Beam, Grating 1200 lines / mm
Wavelength Range	325 -1000nm
Spectral Band Width	4nm
Wavelength Accuracy	± 2nm
Wavelength Repeatability	1nm
Wavelength Setting	Auto
Photometric Accuracy	± 0.5%T
Photometric Repeatability	0.3%T
Photometric Mode	T, A, C, F,
Stray Light	≤0.2%T
Stability	± 0.002A/h @ 500nm
Display	LCD
Detector	Silicon Photodiode
Output	USB Port & Parallel Port (Printer)
Light Source	Tungsten Halogen Lamp
Power Requirements	AC 85 ~ 250V
Dimension	420 x 280 x 180mm
Weight	8kg

Specification are subject to change without prior notice. Images shown are for illustrations purpose only.

WORLD WIDE MARKETING

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