

Visible Spectrophotometer

AV-5 Series

Single Beam



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.

Microprocessor Controlled

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

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.

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.

Grating Monochromator

AV-5 uses, 1200 line grating which ensures high resolution, low stray light and high parameters accuracy.

Four Display Mode

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

Standard Accessories

Item	Description	Qty.	Unit
1	Spectrophotometer	1	Set
2	1 cm Glass cuvette	4	pcs
3	Powercord	1	pcs
4	User's Manual	1	pcs
5	Black block	1	pcs
6	Dust Cover 1	1	pcs

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 (LxWxH)	420 x 280 x 180mm
Weight Approx.	8 kg

WORLDWIDEMARKETING

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