

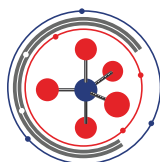
AVANPRO

AP-P8UV

UV / VIS Spectrophotometer



The **AP-P8UV** is ideal for applications in pharmaceutical, medical and health services, chemical engineering, energy, and many other industries. The **AP-P8UV** can also be used for research in higher education institutes, quality control, raw materials, and product analysis. Its modern design and innovative touch-screen control panel make the **AP-P8UV** the ideal model for demanding laboratories.



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TECHNICAL DATA

Optical system		Double Beam
Light source		Tungsten Lamp, Deuterium Lamp
Detector		Silicon Photodiode
Bandwidth		1 nm
WAVELENGTH	Range	190-1100 nm
	Accuracy	±0.3 nm
	Repeatability	≤0.2 nm
	Display	0.1nm
	Cyration Speed	6000 nm/min
	Scan Speed	20-3200 nm/min
PHOTOMETRIC	Range	-4 - 4 A, 0 - 400%T, 0 - 9999.9C
	Accuracy	±0.002A @ 0.0 - 0.5 A, ±0.004A @ 0.5 - 1 A, ±0.3%T @ 0 - 100%T
	Repeatability	≤ 0.001 A @ 0.0 - 0.5 A, ≤ 0.002A @ 0.5 - 1 A, ≤ 0.15%T@ 0-100%T
	Noise	≤ 0.0002 @ 0.0 A, 500 nm, ≤ 0.0004 @ 1A, 500 nm, ≤ 0.0008 A @ 2A, 500nm
Drift		≤0.0005 A/h @ 500 nm, 2 hours after preheating
Stray Light		≤ 0.03 %T @ 220, 360 nm
Baseline		± 0.0005 A
Memory		64GB unlimited expansion (USB storage, SD card, network storage)
Display		10.1" IPS color LCD screen (1280x800)
Input		Capacitive Touch Screen (multi-touch)
Interface		USB-A (printer, storage, mouse, keyboard) X3 USB-B (PC)x1, RJ-45 (Ethernet)x1, VGAX1, HDMIx1, Bluetooth, WIFI
HOLDER	Standard	10 mm 1- cell Holder
	Optional	5-50mm Manual 4- cell Holder, 5-100mm Manual 4-cell Holder, 10mm Auto 8-cell Holder, 5-100mm Auto 5-cell Holder, Micro Holder, Peltier/Sipper System, Reflectance Accessories, Solid Sample Holder, Water-jacketed 1/4-cell holder, Test Tube holder, etc.
Function		Photometric, Quantitation, Multi Wavelength, Spectrum, Time scan, Kinetics, DNA/Protein, Dual component, Custom Method, File Manager, System, Performance Verification
Language		6 languages (English, German, French, Spanish, Portuguese, simplified Chinese)
Power Supply		100-240V AC, 50/60Hz, 140w
Dimensions		456 x 420 x 235mm / 18" x 16.5" x 9.3" (w x d x h)
Weight		17kg / 37.5lb

