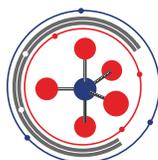# AVANPRO

AP-P5UV
UV / VIS Spectrophotometer

The **AP-P5UV** is ideal for applications in pharmaceutical, medical and health services, chemical engineering, energy, and many other industries. The **AP-P5UV** 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-P5UV** the ideal model for demanding laboratories.

AP-P5UV
UV / VIS Spectrophotometer

TECHNICAL DATA

Optical system		Split Double Beam
Light source		Tungsten Lamp, Deuterium Lamp
Detector		Silicon Photodiode
Bandwidth		2 nm
WAVELENGTH	Range	190-1100 nm
	Accuracy	±0.5 nm
	Repeatability	≤0.3 nm
	Display	0.1nm
	Gyration Speed	5000 nm/min
	Scan Speed	100-4000 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	≤ 0.0003A @ 0.0 - 0.5 A, 500 nm, ≤ 0.0006 @ 1A, 500 nm, ≤ 0.0008 A @ 2A, 500nm
Drift		≤ ≤0.0003 A/h @ 500 nm, 2 hours after preheating
Stray Light		≤ 0.05%T @ 220, 360 nm
Baseline		± 0.0001 A
Control panel		10" capacitive touch screen tablet, 64GB storage, 1920x1080 display resolution, Bluetooth, Wi-Fi, HDMI, SD card, USB-A, USB-B, connectable to a mouse, keyboard, Windows 10 operating system,
HOLDER	Standard	10 mm 4-position cell Holder
	Optional	10-50mm Manual 4- cell Holder, 10-100mm Manual 4-cell Holder, 10mm Auto 8-cell Holder 10-100mm 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 360 x 185mm / 18" x 14.2" x 7.3" (w x d x h)
Weight		11kg / 24.2lb