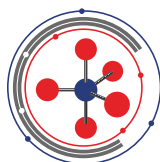# AVANPRO

AP-P4UV
UV / VIS Spectrophotometer

The **AP-P4UV** visible and UV visible light spectrophotometer is easy to operate and covers a wide wavelength range. The **AP-P4UV** is accurate and reliable for the most demanding laboratory environments and will offers stable readings every time. Its vivid touch-screen display is visible from any angle, and simple to use, allowing the end-users to quickly familiarize themselves with the unit.

AP-P4UV
UV / VIS Spectrophotometer

TECHNICAL DATA

Optical system		Single Beam
Light source		Tungsten Lamp, Deuterium Lamp
Detector		Silicon Photodiode
Bandwidth		2nm
WAVELENGTH	Range	190-1100nm
	Accuracy	±0.5nm
	Repeatability	≤0.2nm
	Display	0.1nm
	Gyration Speed	10000nm / min
	Scan Speed	-
PHOTOMETRIC	Range	-0.301-3A, 0-200%T, 0-9999.9C
	Accuracy	±0.003A @ 0.5A, ±0.006A @1A, ±0.5%T @ 0-100%T
	Repeatability	±0.0015A @ 0.5A, ±0.003A @1A, ±0.2%T @ 0-100%T
	Noise	≤0.0005A 0A, ≤0.001A @ 1A, ≤0.002A @ 2A (500nm)
	Stability	≤0.002A/hr. (500nm, 2 hours after preheating)
Stray Light		≤0.5%T
Baseline		±0.002A
Memory		236KB (Built-in), Unlimited (USB memory stick)
Display		5" color screen (480 x 272mm)
Keypad		Resistive touch screen
Printer		Serial printer, USB (in line with HP PCL3 GUI printing language)
Port		Serial port (printing), USB-A (storage and printing), USB-B (online)
HOLDER	Standard	10mm 4-cell holder
	Optional	10-50mm 4-cell holder,10-100mm 4-cell holder, 10mm-8-cell Automatic Holder, 10-100mm 5-cell Automatic Holder. Micro Cell Holder, Peltier/Sipper System, Reflectance Accessories, Solid Sample Holder, Water-Jacked 1 or 4-cell holder, Test Tube Holder.
FUNCTION	Photometric	•
	Quantitation	•
	Spectrum	•
	File Management	•
	System Management	•
	Performance Verification	•
Language		6 languages (English, German, French, Spanish, Portuguese, simplified Chinese)
Power Supply		100-240V AC, 50/60Hz, 120w
Dimensions		456 x 360 x 185mm / 18" x 14.2" x 7.3" (w x d x h)
Weight		10.7kg / 24lb