

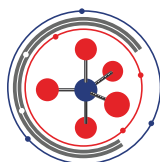
# AVANPRO

## AP-P1UV

UV / VIS Spectrophotometer



The **AP-P1UV** visible and UV visible light spectrophotometer is easy to operate and covers a wide wavelength range. The **AP-P1UV** 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 user to quickly familiarize themselves with the unit.



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## TECHNICAL DATA

<b>Optical system</b>		Single Beam
<b>Light source</b>		Tungsten Lamp, Deuterium Lamp
<b>Detector</b>		Silicon Photodiode
<b>Bandwidth</b>		4nm
<b>WAVELENGTH</b>	<b>Range</b>	195-1050nm
	<b>Accuracy</b>	±0.8nm
	<b>Repeatability</b>	≤0.4nm
	<b>Display</b>	0.1nm
	<b>Wavelength Speed</b>	10000nm / min
	<b>Scan Speed</b>	-
<b>PHOTOMETRIC</b>	<b>Range</b>	-0.301-3A, 0-200%T, 0-9999.9C
	<b>Accuracy</b>	±0.003A @ 0.5A, ±0.006A @1A, ±0.5%T @ 0-100%T
	<b>Repeatability</b>	±0.0015A @ 0.5A, ±0.003A @1A, ±0.2%T @ 0-100%T
	<b>Noise</b>	≤0.0005A 0A, ≤0.001A @ 1A, ≤0.002A @ 2A (500nm)
	<b>Stability</b>	≤0.002A/hr. (500nm, 2 hours after preheating)
<b>Stray Light</b>		≤0.2%T
<b>Baseline</b>		-
<b>Memory</b>		236KB (Built-in), Unlimited (USB memory stick)
<b>Display</b>		5 inches color screen (480 x 272mm)
<b>Keypad</b>		Touch screen
<b>Printer</b>		Serial printer, USB (in line with HP PCL3 GUI printing language)
<b>Port</b>		Serial port (printing), USB-A (storage and printing), USB-B (online)
<b>HOLDER</b>	<b>Standard</b>	10mm 4-cell holder
	<b>Optional</b>	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.
<b>FUNCTION</b>	<b>Photometric</b>	•
	<b>Quantitation</b>	•
	<b>Spectrum</b>	
	<b>File Management</b>	•
	<b>System Management</b>	•
	<b>Performance Verification</b>	•
<b>Language</b>		6 languages (English, German, French, Spanish, Portuguese, simplified Chinese)
<b>Power Supply</b>		100-240V AC, 50/60Hz, 120w
<b>Dimensions</b>		456 x 360 x 185mm / 18" x 14.2" x 7.3" (w x d x h)
<b>Weight</b>		10.7kg / 24lb

