

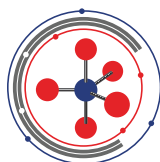
AVANPRO

AP-POV

VIS Spectrophotometer



The **AP-POV** visible light spectrophotometer is a simple, reliable, and economical device. It is ideal for use in educational laboratories and for quality control. The **AP-POV** is simple to operate, thanks to its vivid display, and offers precise results every time.



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AP-POV

VIS Spectrophotometer

TECHNICAL DATA

Optical system	Single beam
Light source	Tungsten Lamp, Deuterium Lamp
Bandwidth	4 nm
Wavelength range	198 - 1050 nm
Wavelength accuracy	±1.5 nm
Wavelength Reproducibility	≤0.5 nm
Wavelength Display	0.5 nm
Wavelength shift mode	Auto
Photometric range	-0.3 ~ 3 A, 0 ~ 200 %T, 0 ~ 9999 C
Photometric accuracy	±0.5 %T or ±0.006 A @ 1A
Photometric reproducibility	≤0.3 %T or ≤0.003 A @ 1A
Noise	≤0.002 A @ 500 nm
Drift	≤0.004 A/h @ 500nm, after warming up for 2 hours
Stray light	≤0.2 %T @ 220, 360 nm
Measurement mode	Absorbance (A), Transmittance (T), Concentration (C), Factor (F), Energy (E)
Detector	Silicon Photodiode
Cell holder	10 mm 4-cell holder
Keyboard	Membrane keyboard, rotary encoder
Display	3.2" TFT LCD (resolution: 400×240)
Interface	RS-232 serial port x 1 (printer), USB-B x 1 (PC)
Dimensions	1470 x 345 x 180mm (W x D x H)
Power supply	100 ~ 240 V AC, 50/60 Hz
Weight	11 kg
Warranty	1 Year

