

OPTIZEN POP, UV-VIS SPECTROPHOTOMETER

POP



Keywords of OPTIZEN POP

- Improved user convenience
- Amazing speed
- Affordable price
- Prompt customer service
- Wide scalability

UP

Improve product
performance

400% ↗

The data processing performance has been improved by over 400% with a processor upgrade. In addition to a user-friendly UI system based on Android OS, internal storage has been doubled.

OPTIZEN POP Series are single-beam type spectrophotometers and offer stable performance and compact-size and reasonable price to the users.



Network printer support

Printing data is possible just by connecting to a printer without printer driver installation.



Remote control

OPTIZEN VIEW enables easy data analysis, including fast data collection and post-processing functions for quick results.



USB 2-port Support

Supports 2 USB ports, allowing various peripherals to be connected.



Compatibility

A variety of accessories such as Flow Cell, Film Cell, Microvolume cell, and Sipper are available.

OPTIZEN POP, UV-VIS SPECTROPHOTOMETER

Photometrics System	Single-beam type
Light Source(s)	Tungsten Halogen Lamp & Deuterium Lamp (Built-in light source auto interchanging motor)
Detector	Silicon Photodiode
Spectral Bandwidth	< 1.8 nm
Wavelength Range	190 to 1100 nm
Wavelength Display (setting)	≥ 0.1 nm
Wavelength Accuracy	± 0.5 nm
Wavelength Repeatability	± 0.1 nm
Slew Rate	7,800 nm/min
Scanning Speed	4,000 nm/min
Photometric Range	3 Abs
Photometric Display	Absorbance: -3 to 3 Abs Transmittance: 0 to 300 %T
Photometric Accuracy	± 0.005 Abs at 1.0 Abs, ± 0.003 Abs at 0.5 Abs
Photometric Repeatability	± 0.003 Abs
Baseline Stability	0.001 Abs/h (700 nm, After one hour warm-up)
Baseline Flatness	< 0.001 A (200 to 1,100 nm)
Stray Light	< 0.05 %T @ 220nm/340nm
Monochromator	Czerny-Turner Monochromator
Standard Cell Holder	Multi-cell (8 cells)
Lamp Interchange Wavelength	340 to 410 nm (Default 370 nm)
Operating System (OS)	Android
Display	7-inch (Resolution: 1280 x 800)
Control Options	Stand-alone, PC
Dimensions(W*D*H)	433 mm * 381 mm * 180 mm
Power Requirement	AC100 to 240V, 50/60Hz, 140VA
Weight	10.5kg
PC Software	(optional) OPTIZEN View for Windows

K LAB (KOREA) CO.,LTD.

Address

(34014) 94-23, Techno 2-ro, Yuseong-gu, Daejeon, Republic of Korea

URL

www.optizen.kr/english

Telephone / Fax

+82 . 42 . 932 . 7586 / +82 . 42 . 932 . 7589

Contact

sales@optizen.kr