



MAVRICA-12 UV/Vis Spectrophotometer

Bandwidth 4nm Manual Cell Holder

 Single Beam

 Smart WI FI

[Download
Catalogue](#)



MAVRICA-12 Series of Visible and it has a smoother appearance design, smart color schemes, blue-lit LCD display ellipse control buttons, and oval-shaped key-press design, which is very easy to operate.

Features:

- Adopts 128*64mm dot-matrix LCD screen and menu display.
- Can adjust automatically 0%A and 100%.
- Large sample compartment, it can accommodate 5-100mm path length cuvettes.
- USB signal output interface, use professional software (optional) can realize functions of quantitative analysis, dynamic testing, with optional printer.
- The screen shows wavelengths, clear and accurate readings, wavelength the smallest show on 0.5nm, to change the traditional way of reading the dial.
- Automatic control of the switching of deuterium and tungsten lamp, automatic wavelength calibration, manual wavelength setting. Store 200 groups of measuring data and 50 groups of standard curve.
- Wi-Fi lamp control system



Wi Fi Wi Fi Lamp control

To ensure a longer lifespan of the lamp, with a built-in Wi-Fi control connection, you can turn it on or off separately via your android device or by touch screen - Optional



LCD Screen Digital Display



Professional Software – Optional

Professional COLO Software is a standard configuration



Manual Cell Holder

From micro cell to macro cell 100mm large 4 or 8 places manual cell change control



Economical, simple to use

Type	MAVRICA-12V	MAVRICA-12U
Price		
Optical System	Single Beam, Optical grating 1200 lines/mm	
Wave Length Range	360-1100	190-1100nm
Spectral Bandwidth nm	4nm	2nm
Wavelength Accuracy	±2nm	2nm
Wavelength Repeatability	1nm	
Photoelectric Accuracy	0,5%T	0.5%T
Photoelectric Repeatability	0,2%T	0.2%T
Photometric Range	0-200%T-0,3-3A	
Stray Light	0,15%T @500nm	
Stability	0,002 A@500nm	
Baseline Flatness	±0,002A	
Noise	±0,001A	
Wavelength Setting	Manual	
Work Mode	T, A, C, K, B,	
Light Source	Tungsten Lamp	Deuterium & Tungsten Lamp
Display	70*40mm blue LCD	
Detector	Silicon Photodiode	
Output	USB port/RS232 port	
Power	AC220V/50Hz	
Shipping Size	420*350*200mm	
Gross weight	10kg	
Standard Packing	Power cord, Instruction manual, Set of four Glass Cuvette, Wi-Fi lamp control, Smart Phone	

Please note

If this Spectrophotometer does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts



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