



MAVRICA-18 UV/Vis Spectrophotometer

0,5/1/2/4/5nm Spectral Bandwidth, Manual Cell Holder

 Single Beam

 Smart WI FI

[Download
Catalogue](#)



MAVRICA-18 Series of UV/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 320*240 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 OP.
- 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 - optional



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



USB/RS232 Printer port

Type	MAVRICA-18V	MAVRICA-18U	MAVRICA-18UF	MAVRICA-18US
Price				
Optical System	Single Beam, Optical grating 1200 lines/mm			
Wave Length Range	320-1100	190-1100	190-1100	190-1100
Spectral Bandwidth nm	2nm	1,8nm	1nm	0,5/1/2/4/5nm
Wavelength Accuracy	±0,3nm			
Wavelength Repeatability	≤0,2nm			
Photometric Accuracy	0,5%T			
Photometric Repeatability	0,1% T			
Photometric Range	-0,3-3A			
Stray Light	≤0,05% (T) (at 360nm)			
Stability	±0,001A/h at 500nm			
Baseline Flatness	±0,002A			
Noise	±0,001A			
Baseline drift	0.003Abs / 0.5h			
Wavelength Setting	Auto			
Work Mode	Multi-Function - Photometric, Quantitative, Spectral Scanning, Kinetics, DNA/protein...			
Light Source	Tungsten-Halogen Lamp	Deuterium (D2)/Tungsten-Halogen Lamp	Deuterium (D2)/Tungsten-Halogen Lamp	Deuterium (D2)/Tungsten-Halogen Lamp
Wavelength scanning speed	fast, medium and slow			
Display	High Resolution 320*240 dot LCD			
Detector	Silicon Photodiode			
Output	USB, Printer port			
Power	AC220V/50Hz 100W			
Instrument Size/Shipping Size	590*475*250mm / 770*630*340 mm			
Gross weight	20kg			
Standard Configuration	Spectrophotometer with Euro plug power cable, 4 pcs glass cuvette, 2 pc quartz cuvette(URU type), Instruction manual,			
Option	Built in printer, professional software,			

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

Laboratory Equipment production and Distribution



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