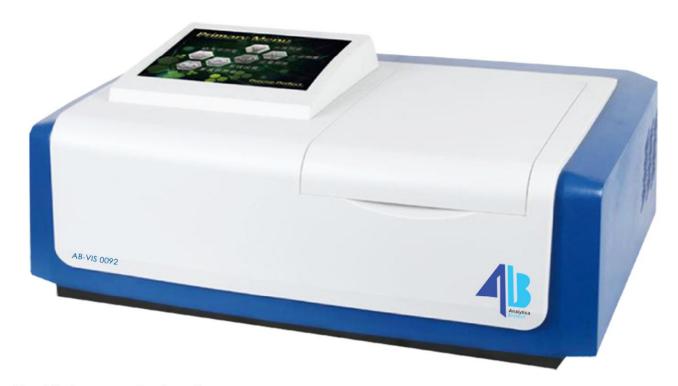


Touch Screen Double Beam UV-VIS Spectrophotometer

AB-UV-VIS-0092



- Double beam optical system
- 8-inch color touch-screen
- Automatic zero and full scale adjustment
- Automatic wavelength settings
- Equipped with USB COM port
- UV WIN8 Spectrum Data Processing software optional
- Thermal plotter optional

Main Features

- 1. double beam UV-VIS spectrophotometers adopt double beam optical system, and blazed holographic gratings. They have outstanding test precision and very competitive prices.
- 2. 8-inch color touch-screen, cutting-edge user interface, powerful functions, and easy operation.
- 3. With powerful functions, the equipment shows great performance in qualitative and quantitative testing, such as: Full-spectrum scanning Linear regression Detailed spectrum scanning
- · Concentration direct reading · Time-based kinetics determination · Peak / Valley detecting
- GOTO A Multi-wavelength measurement
- 4. The equipment is designed with sophisticated power protection system. With high capacity of internal memory, it can store testing results, scanned images, regression equations and correction data. Therefore, it follows a fast initialization when power on.
- 5. The instrument can be connected with dedicated printer, which can print testing results, or draw curve from spectral scanning, fixed wavelength time-based scanning, and linear regression.
- 6. With USB COM port the device can be connected to a PC, which can not only enhance the performance in data testing and spectrum scanning, but also expand the memory to save more testing results.



Touch Screen Double Beam UV-VIS Spectrophotometer

Specifications

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Photometry	Double Beam
Monochromator Type	Czerny-Turner
Focal Length	160mm
Grating	1200 lines/mm
Detector	Silicon Photocell
Spectrum Bandwidth	1nm
Wavelength setting	8-inch color touch- screen
Wavelength Range	190-1100nm
Wavelength Accuracy	+-0.5nm
Wavelength Repeatability	<-0.2nm
Scanning Speed	Fast-Medium-Slow
Stray Light	<- 0.03%T(at 220nm Nal, 360nm NaNo2)
Photometric Range	0.0-200.0%T
	-0.301-4.000A
	0.000-9999C
Photometric Accuracy	+-0.3%T
	+-0.002Abs (0-0.5A)
	+-0.004Abs (0.5-1A)
Photometric Repeatability	<-0.15%T
	0.001 Abs (0-0.5A)
	0.002 Abs (0.5-1A)
Baseline	<-+-0.002A (200-1090nm)
Noise	100% (T) Noise<-0.15% (T) , 0% (T) noise <-0.1% (T)
Drifting	<-0.0009 Abs/30min (250nm and 500nm after 2h warm up)
Power	AC220V+-22V 50Hz+-1Hz, 200W
Packaging Size	740mm X 630mm X 450mm 0.21M ³ 35kg

Standard Accessories

Operation manual 1

Quartz cuvette 1 cm 2pcs Power cable 1

Fuse 2pcs

Optional Accessories

UV WIN8 Spectrum data processing software Thermal plotter

http://analyticabiotech.co.uk/