

# Double Beam Spectrophotometer 2080 Plus



**Touch  
Screen  
2080  
Plus**

- Double Beam Optical system
- 8 inch multi color tough screen
- Thermal plotter optional
- Automatic wavelength settings
- Equipped with USB port

## Features:

- 1) 2080 plus Spectrophotometer adopt double beam survey optical system, and blazed holographic gratings. They have outstanding test precision and very competitive prices.
- 2) 8-inch multi 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
  - Detailed spectrum scanning
  - Time-based kinetics determination
  - GOTO  $\lambda$
  - Linear regression
  - Concentration direct reading
  - Peak/Valley detecting
  - Multi-wavelength measurement
- 4) The equipment is designed with sophisticated power protecting 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) There is a USB port on the device, and UVwin-8 Software is optional to order. The device 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.

## Specification:

Model	2080 Plus
Operation and display	8 inch Touch Screen
Light Source	Philip halogen, deuterium lamp (2000h) (Opt: Xenon flash lamp)
Wavelength range	190-1100nm
Wavelength Accuracy	± 0.1 nm or better
Wavelength Repeatability	±0.1nm
Noise level	0.0005A
Transmittance MPE	±0.3%T
Transmittance Repeatability	≤0.15%T
Transmittance Measuring Range	0.0%-200.0%T
Absorbance Measuring Range	-0.301-4.000 (A)
Spectrum Bandwidth	2nm
Stray Light	≤0.03%T
Drift	≤0.0005A/hour (250nm/500nm. 2h warm up)
Detector	Photodiodes
Signal Noise	100%T noise ≤0.15%T 0%T noise ≤ 0.10%T
Baseline Flatness	±0.002A (200-1090nm)
Scan Speed	Max 10000nm/min
Overall Dimensions	600(L) x 450(w) x 200(H)mm
Weight	23kg
Power	230 ±5V 50Hz

## Standard Accessories

User Manual	1 pc
1cm quartz cuvette	2 pcs
Power cable	1 pc

## Optional Accessories

Thermal plotter
UVwin8 software

## Support & Services

### HPLC Servicing, Validation, Trainings and Preventive Maintenance :

- HPLC Servicing** :We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.
- Trainings** :We also take up preventive Maintenance to reduce downtime of HPLC's
- AMC's/CMC** :We offer user training both in-House and at customer sites on HPLC principles, operations, troubleshooting.
- Validations** :We have protocols for carrying out periodic Validations as per GLP/GMP/U SFDA norms
- Instruments** :We offer instruments / Renting Services Modules like pumps, detector etc. on Rent.



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### About Analytical Technologies

						
UV/VIS Spectro 2060+ Double Beam	FTIR	Gas Chromatograph 3000	Gas Chromatograph 2979 Plus	Flash Chromatograph	Atomic Absorption Spectrophotometer	Liquid Partical Counter
						
Optical Emission Spectrophotometer	DSC/TGA	NOVA 2020 plus Automated Bio Chemistry Analyzer	HEMA 2020 Hematology Analyzer	Micro Plate Reader/Washer	URINOVA 2800 Urine Analyzer	Total Organic Carbon
						
Fully Automated CLIA	NOVA Basic Semi -Auto Chemistry Analyzer	PCR/Gradient PCR/ RTPCR	Blood Gas Analyzer	Random access Analyzer for immunoassay Proteins & clinical chemistry	Semen Analyzer	Water purification system

## Regulatory compliances



## Corporate Social Responsibility



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2. Improving quality of life by offering YOGA Training courses, Workshops / Seminars etc.

## Reach us @



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