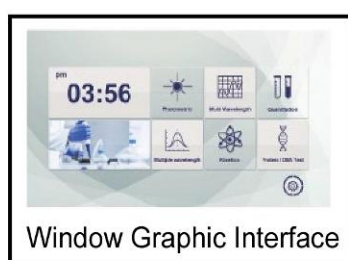# UV-VIS Double Beam
# Xenon Flash Lamp Spectrophotometer

**Analytica Biotech**

- High quality flashing xenon lamp which can start to test directly without preheating,
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum Scan, DNA/Protein test, Multi-wavelength test, etc.
- In-house massive memory is capable of saving up to 1024M for test data & working curves.
- Supports USB storage, The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage
- Large sample chamber can accommadate 5-100mm cuvettes of all kinds. Provide at Extra cost.
- Extensive accessories are optional, such as auto 8-cell holder, peltier/sipper system, 21 CRR compliant software Provide at Extra cost..
- Auto Wavelength Setting
- On-Screen Standard Kinetic Carve Display
- Tungsten/Deuterium Lamp can be Turned ON/OFF Individually to Extend Lifetime



Window Graphic Interface



## Technical Specification

| | |
|---|---|
| Optical System | Double Beam, Grating 1200 lines/mm |
| Wavelength Range | 190 nm-1100nm |
| Spectral Bandwidth | 1 nm |
| Wavelength Accuracy | ±0.1nm@656.1nm, ±0.3nm@all |
| Wavelength Repeatability | <-0.1 nm |
| Photometric Accuracy | 0.2%T(0-100%T),±0.002A(0-0.5A),±0.004A(0.5-1A) |
| Photometric Repeatability | 0.15%T(0-100%T), 0.001 A(0-0.5A), 0.002A(0.5-1A) |
| Photometric Range | v0-200%T, 0.3-3A, 0-9999C (0-9999F) |
| Stray Light | <-.03°/0T@220nm, 360 nm |
| Stability | ±0.0005A/h@500nm |
| Baseline Flatness | ±0.001A |
| Noise | 0.0005A@500nm |
| Work Mode | T%, Abs, Conc, Reflactance, E, |
| Scanning Speed | Hi, Med, Low (Max. 3000nm/min) |
| Wavelength Setting | Auto |
| Display | 7" TFT Color Screen |
| Light Source | Imported Xenon Lamp |
| Detector | Imported Silicon Photodiode |
| Cuvette Holder | 10mm single hole cell holder |
| Output | USB drive, USB host, RS232 |
| Power | AC 220V/50Hz or AC 110V/60Hz |
| Shipping Size | 810*660*390mm |
| Gross Weight | 27kg |
| Standard Accessaries | 10mm glass cuvette x 4, 10mm quartz cuvette x2, Power cord, User's Manual, PC software |