

Double Beam UV-Vis. Spectrophotometer

Specification

1. All optical mirrors are equipped with SIO₂ protective film.
2. Double Beam optical system with dual optical path and dual detector.
3. 12 inches large touch screen, built-in 35 GB memory.
4. Powerful data analysis system with internal computer.
5. D2 Lamp
6. All test data and analysis report can be exported to the USB disk directly.
7. Graphs support 3D display.
8. PC software follows GLP & GMP standards
9. Bandwidth -1.0, 2.0, 4.0, 5.0, 6.0 nm
10. Wavelength Range -190-1100nm
11. Wavelength Accuracy $\pm 0.1\text{nm}$ (D2 656.1nm), $\pm 0.3\text{ nm}$ full range
12. Wavelength Repeatability-0.1nm
13. Photometric Range 0-200%T.-0.3-3.0A, 0-99990
14. Photometric Accuracy $\pm 0.2\text{T}$ (0-100%T), $\pm 0.002\text{Abs}$ (0-0.5Abs), $+0.004\text{Abs}$ (0.5-1.0Abs)
15. Photometric Repeatability- $\leq 0.05\%T$ (0-100%T), 0.001Abs(0-0.5Abs), 0.002Abs(0.5-1.0Abs)
16. Stability - $+0.0004\text{A/h}$ @ 500nm
17. Stray Light -0.03%T @ 220 nm, 360nm
18. Cell Holder -10mm each, Sample & Reference Cuvette Holder
19. Focal Length -10mm
20. Light Source - Tungsten Lamp & Deuterium lamp
21. Detector- Silicon Photodiode
22. Control Mode-Stand-alone system/PC software
23. Baseline Flatness- $+0.0008\text{A/h}$
24. Warranty 3 Years from the date of Installation.