

IV-UV700 UV-Vis. Single Beam Spectrophotometer

- Unique optical system, 1200 lines/mm grating.
- The instrument has basic functions of photometric analysis and quantitative analysis.
- It expands the applications, such as spectral scanning, kinetics, DNA/protein analysis, multi-wavelength test, etc. with PC software.
- Store 200 test data and 100 standard curves;
- Deuterium and Tungsten lamp can ON / OFF individually to increase the shelf life.
- Large sample chamber can accommodate 5-100 mm cuvettes.
- Photometric Mode - T, A, C, E.
- PC software available



SPECIFICATIONS

Optical System	Single Beam, Grating 1200 lines/mm
Spectral Bandwidth	2nm
Wavelength Range	190-1100nm
Wavelength Accuracy & Repeatability	± 0.5 nm & ± 0.2 nm
Photometric Range	0-200%T, -0.3~3A, 0-9999C
Photometric Accuracy & Repeatability	± 0.5%T & ± 0.2%T
Photometric Mode	T, A, C, E
Stray Light	± 0.1%T
Stability	± 0.0002A/h @500nm
Baseline Flatness	0.002 A
Noise	± 0.001 A
Wavelength Setting	Auto
Display	128 x 64 LCD
Light Source	Deuterium & Tungsten lamp
Detector	Silicon Photodiode
Cell Holder	4 position 10mm cell holder
Output	RS232C