



**UV/VIS Double Beam Spectrophotometer
with Flashing Xenon Lamp**

UVD-3400



UVD-3400 - UV/VIS Double Beam Spectrophotometer with Flashing Xenon Lamp

The UVD-3400 Flashing Xenon Lamp Spectrophotometer is designed to meet high requirement for precision measurement in the research and production of organic chemistry, biochemistry, medical testing, food testing, environmental protection, water testing industry, etc. The latest ARM system and long optical system ensure high accuracy and good stability of the instrument. They are the best choice of high quality spectrophotometer.

FEATURES

- High quality flashing xenon lamp is from Hamamatsu, which can start to test directly without preheating. The lamp can be used at least 3-year.
- 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 accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, peltier/sipper system, 21 CFR compliant software, built-in printer etc.

SPECIFICATION

Optical System	Double Beam, Grating 1200 lines/mm
Wavelength Range	190-1100 nm
Spectral Bandwidth	1nm
Wavelength Accuracy	$\pm 0.1\text{nm}@656.1\text{nm}$, $\pm 0.3\text{nm}@all$
Wavelength Repeatability	$\leq 0.1\text{nm}$
Photometric Accuracy	$0.2\%T(0\sim 100\%T)$, $\pm 0.002A(0-0.5A)$, $\pm 0.004A(0.5-1A)$
Photometric Repeatability	$\leq 0.15\%T(0-100\%T)$, $0.001A(0-0.5A)$, $0.002A(0.5-1A)$
Photometric Range	$0-200\%T$, $-0.3\sim 3A$, $0-9999C(0-9999F)$
Stray Light	$\leq 0.03\%T@220\text{nm}$, 360nm
Stability	$\pm 0.0005A/h@500\text{nm}$
Baseline Flatness	$\pm 0.001A$
Noise	$0.0005A@500\text{nm}$
Work mode	T, A, C, E
Scanning speed	High, Med, Low (Max. 3000nm/min)
Wavelength setting	Auto
Display	7" TFT Color LCD
Light Source	Imported Xenon lamp
Detector	Imported Silicon Photodiode
Cuvette Holder	10mm Single Hold Cell Holder
Output	USBdrive, USB host, RS232
Power	AC 220V/50Hz or AC 110V/60Hz
Dimension	590 x 475 x 250mm



Net Weight 20kg
 Shipping Size 810*660*390mm
 Gross Weight 27kg
 Standard Accessories 10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User Manual, PC software

ACCESSORIES



Single hole film holder



Auto 8-cell holder



single hole cell holder-10mm



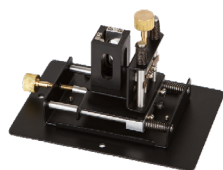
Manual 4-position film holder



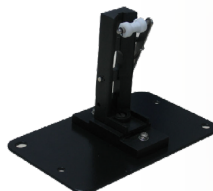
Manual 4-cell holder-100mm



Integrating Sphere



Adjustable XY micro cell holder



Tube rack



Peltier/Sipper system

