

JASCO X-LC[®] Ultra High Performance Liquid Chromatography (UHPLC)

X-LC 3070UV/3075UV UV/Vis Detector



Specifications

	3070UV	3075UV
Monochrometer	Czerny-Turner mounted	Czerny-Turner mounted
Diffraction grating	1200 lines/mm	1200 lines/mm
Spectrum bandwidth	8 nm	8 nm
Wavelength accuracy	±1 nm	±1 nm
Repeatability of wavelength setting	±0.1 nm	±0.1 nm
Light source	Deuterium (D ₂) lamp (190 ~ 370 nm) Tungsten (W) lamp (371 ~ 900 nm)	Deuterium (D ₂) lamp (190 ~ 600 nm)
Wavelength range	190 ~ 900 nm (D ₂ lamp, W lamp)	190 ~ 600 nm (D ₂ lamp)
Noise level	±0.7 × 10 ⁻⁵ ABU (250 nm, response: STD, empty cell)	
Drift	±1.0 × 10 ⁻⁴ ABU/H (250 nm, empty cell, constant room temperature)	
Response	X-LC mode: FAST, STD, and SLOW LC mode: FAST, STD, and SLOW	
Data output	100 data points/sec (X-LC mode)	
Flow cell		
Method	Front loading cassette cell	
Standard flow cell	Tapered cell	
Pathlength	5 mm	
Dimensions	150 (W) × 470 (D) × 150 (H) mm	
Approximate weight	10 kg	

● Specifications are subject to change without notice.



FT-IR • UV-Vis • Fluorescence • Chiroptical • Chromatography