

# JASCO X-LC<sup>®</sup> Ultra High Performance Liquid Chromatography (UHPLC)

## X-LC 3177UV Multi-wavelength Detector



### Specifications

Optical arrangement	Single-beam photometric detection
Polychromator	Flat field polychromator
Light source	Deuterium (D <sub>2</sub> ) lamp
PDA	35 channels
Wavelength range per 1 PD	11.8 nm
Wavelength range	Any range of 200 nm between 200 nm and 600 nm can be set (1 nm increments)
Spectrum bandwidth	23 nm
Wavelength accuracy	±7 nm
Noise level	< ± 2.0 × 10 <sup>-4</sup> ABU (250 nm, response: FAST, empty cell)
Drift	< ± 3.5 × 10 <sup>-4</sup> ABU/h (250 nm, response: FAST, empty cell, constant room temperature)
Signal output	4 channels Channels 1 to 3: Absorbance Channel 4: Absorbance or Ratio, selectable (Can change the outputs to integrator output or recorder output by key operation)
Response	X-LC mode: FAST, STD, SLOW LC mode: FAST, STD, SLOW
Data output rate	25 data points/sec (4 channels, X-LC mode)
Wavelength accumulation	12 nm, 35 nm, 59 nm
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	9 kg

● Specifications are subject to change without notice.



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