

Molecular Devices FlexStation 3 Multi-mode Microplate Reader  
Specifications

Items	
Read Modes	<ul style="list-style-type: none"> <li>• Absorbance</li> <li>• Fluorescence (top/bottom read)</li> <li>• Luminescence (top/bottom read)</li> <li>• Time-Resolved Fluorescence (top/bottom read)</li> <li>• Fluorescence Polarization (top read)</li> </ul>
Wavelength Ranges	<ul style="list-style-type: none"> <li>• Abs: 200 - 1000 nm</li> <li>• FL: 250 - 850 nm</li> <li>• Lumi: 250 - 850 nm</li> <li>• TRF: 250 - 850 nm</li> <li>• FP: 400 - 750 nm</li> </ul>
Wavelength Selection	Monochromator tunable in 1 nm increment
Absorbance Photometric Accuracy/ Linearity	< ±1.0 % and ±0.006 OD (0.0 - 2.0 OD)
Absorbance Photometric Precision/ Repeatability	< ±1.0 % and ±0.003 OD (0.0 - 2.0 OD)
Light Source(s)	Xenon flash lamp
Read Types	<ul style="list-style-type: none"> <li>• Endpoint</li> <li>• Kinetic</li> <li>• Spectrum scan</li> <li>• Well scan</li> <li>• Flex</li> </ul>
Plate Type(s)	6-384 well plates/ SpectraDrop micro-volume microplate
Temperature Control	Ambient + 4 °C to 45 °C
Shaker Time	0 - 999 s
Liquid Handling	8-channel pipettor