



**Circular Dichroism (CD):** Circular Dichroism, J-815 Spectropolarimeter JASCO using the single or six position peltier temperature thermostatted cell holders, one can design experiments to monitor any aspect of protein folding. The optional side entry port allows the simultaneous measurement of total fluorescence or fluorescence detected CD FCD.

- Measurement from 163-1100 nm with highest S/N ever achieved
- Traceable Calibration for IQ, OQ, PQ for GLP/GMP regulated labs. Traceable standards for wavelength, absorbance and CD signal
- 21 CFR Part II compliant software for electronic signature
- New auto-response measurement optimizes instrument response to scan speed and signal
- Auto-scale mode for data acquisition
- Remarkable stability eliminates need for frequent calibration
- Extremely low stray light (better than 0.0003%) ensures accurate, reproducible CD data into the Far UV
- Compact, air-cooled 150W xenon arc source with option for the massive luminous output, water cooled 450 watt light source
- Spectra Manager II and Spectra Manager CFR software for Windows XP Pro

Measure:

Circular Dichroism/ UV/Visible absorbance, Linear Dichroism/ Oriented molecules  
Fluorescence detected CD and Total Fluorescence, Magnetic CD - permanent and electromagnets, Optical Rotation  
Dispersion, Fluorescence, Stopped Flow CD, Stopped Flow Fluorescence and absorbance