ESA Model 520 Scanning Multi-Wavelength UV/VIS Detector

CGS

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- Double-beam, variable wavelength capability
- Programmable wavelengths: 190 - 800 nm
- Easy-to-use front panel control
- Available flow cells from capillary to preparative
- Automatic lamp startup/shutdown
- Pre-aligned lamps for easy changeover
- Remote autozero capability
- Status lock to prevent parameter changes during runs
- Optional configuration for use with coulometric electrochemical detection

The Model 520 Scanning Multi-wavelength UV/VIS Absorbance detector combines stable, double beam optics with programmable wavelength scanning from190 - 800 nm with automatic lamp changeover. An optional low volume, high-pressure flowcell is available for in-line use with ESA coulometric electrochemical detectors. This detector is supplied with both a deuterium lamp, for operation at UV wavelengths, (190 – 365 nm) and a tungsten lamp, for detection in the visible spectrum (366-800 nm).

Automatic lamp shutdown during inactive periods increases overall lamp life. Lamp usage is easily monitored through the front panel keypad and display. Simple programming is provided for wavelength scanning and range changes during an analytical run.

Optional flowcells are available for other HPLC/CE applications. The optional flowcells and lamps are identical to those used for the ESA's Model 522 Single Wavelength UV/VIS Absorbance Detector.