

UV/VIS Detector



The Viscotek Model 3210 UV/VIS Detector represents state-of-the-art technology in ultraviolet and visible absorbance detection for Gel Permeation/Size Exclusion Chromatography (GPC/SEC) applications. It offers superior sensitivity, stability and reliable operation along with a number of unique features:

- Diode Array Technology for wavelength changes without any mechanical moving parts.
- Dual lamp (deuterium/tungsten) for a spectral range of 190-720 nm.
- Integrated peak detector with programmable delay time.
- External START and external AUTOZERO via TTL-signal.
- Programmable change of wavelength (up to 10 steps).
- Online scan of wavelength and collection of spectra data without stopping the flow or interrupting the running analysis (optional).

The Model 3210 mates seamlessly with the Model 3580 Differential Refractive Index (RI) Detector, GPCmax™ Pump/Autosampler/Degasser Module and OmniSEC™ software to form a complete Conventional GPC System. It can also be coupled with the Viscotek Model 270 Viscometer/Light Scattering Dual Detector to create a modular Triple or Tetra Detector GPC System.

The UV/VIS is a critical detector for the characterization of macromolecules having a UV chromophore. The Model 3210 offers a number of unique features along with superior sensitivity and stability.

for more information visit us @ www.viscotek.com

Technical Specifications



Wavelength Range: 190 - 720 nm
Lamps: Deuterium + Tungsten
Wavelength Accuracy: +/- 0.5 nm
Wavelength Precision: +/- 0.1 nm
Noise: < 3.0E-05 AU (254 nm)
Drift: < 5.0E-05 AU/hour (after warmup)
Bandwidth: 6 nm
Programs: Wavelength changing (up to 10 steps)
Spectra data collection and replay (optional)
Signal Output: 1.0 V
Remote Control: TTL: Autozero, Start
Dimensions: 220 x 150 x 350 mm
Weight: 7.8 kg
Power: 115/220 V; 50/60 Hz

TDA, GPCmax, FIPA, TriSEC, ARV, PolyCAL, ViscoGEL, and Viscotek are trademarks of Viscotek, Incorporated. The 4-capillary viscometer and the 2-capillary viscometer are covered by the following U.S. Patent Nos. and corresponding foreign Patent Nos.: 4,463,598; 4,627,271. Other patents pending.

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