# SYKAM S 3210 UV/VIS DETECTOR


Diode Array Technology, Photoconductor Optics and Dual Lamp Source.

- Diode Array Technology for wavelength change without any mechanical moving parts.
- Online scan of wavelength and collection of spectra data without stopping the flow or interrupting the running analysis (optional).
- Dual lamp (deuterium/tungsten) for a spectral range of 190 - 720 nm.
- Integrated peak detector with programmable delay time.
- Integrated soolvent recycling system (3-way solenoid valve optionally).
- External START, external AUTOZERO via TTL-signal.
- Serial interface (RS232C) for external control.
- Programmable change of wavelength (up to 10 steps).
- Full DAD operation mode with ChromStar software (optional).

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Optic System: | 256-Diode Array |
| Wavelength: | 190 to 720 nm |
| Bandwidth: | 2 nm per Diode |
| Range: | 0.0005 to 2.0 AU |
| Drift: | <3.0x10$^{-4}$ AU/hour |
| Noise: | <5.0x10$^{-4}$ AU |
| External Control: | RS232 |
| Features: | Peak Detector w. Valve Control, Wavelength Scan optional |
| Display: | 2x20 Character LCD |
| Dimensions: | 355 x 225 x 160 mm |
| Power: | 110/220 V, 50/60 Hz |
| Weight: | ~9 kg |

## ORDER INFORMATION

| *Cat.-No.* | *Description* |
|---|---|
| 10 31 001 | S3210 UV/Vis Detector |
| 10 31 005 | S3210S UV/Vis Detector w. Scan Option |
| 10 31 006 | S3210 UV/Vis Diode-Array Detector |
| 10 32 002 | Analytical Flowcell, Steel |
| 10 32 003 | Analytical Flowcell, PEEK |
| 10 32 004 | Micro Flowcell, Steel |
| 10 32 005 | Preparative Flowcell, Steel |
| 10 32 006 | Preparative Flowcell, PEEK |