



KeyView™ Solid-State UV Detector

Advancing preparative chromatography through innovative solid-state detectors and flexible system integration.

- Higher intensity than deuterium lamps
- Reproducible mini-spectrums
- Stable and consistent output

The KeyView™ is a UV detector with a robust solid-state laser and patented Semiconductor Light Matrix (SLM)™ LED technology to bring the highest intensity UV without the need to change the lamp. Unlike a typical deuterium and tungsten UV lamp warmup and stabilization time, the KeyView solid-state diodes switch on instantly in milliseconds to a fully stable intensity. With inherently low drift, and without the latent heating of traditional arch lamps, the KeyView provides highly reproducible sensitivity and dynamic linear range.

Six-independent channels allow the simultaneous wavelength monitoring of up to six UV mini-spectrums that provide absorption information for both peak discernment and deconvolution. The KeyView detector's near-zero drift and high signal-to-noise ratio together allow for consistent identification and isolation of fraction for both bio and chemical target compounds.

