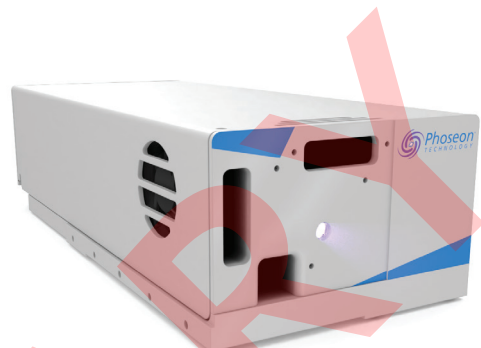


KeyView™ Smart Engine+

Product Specifications



Deep UV light sources are used in several important applications, from elemental analysis to protein purification and beyond. In the 200 to 230 nm wavelength range, many analytical applications are limited by conventional light sources, such as deuterium arc lamps, which are low-intensity, hot, and offer limited stability. KeyView Smart Engine+ uses solid-state light sources to generate stable, cool, long-lasting light at 220 nm with intensity up to 50 microWatts and a coherent beam. Such a light source is ideal for many analytical and imaging applications.



KeyView Benefits

Ultra low noise and drift

Compact size

Collimated light source

Pulsed or constant current

Long lasting

No heat generated in direction of light

Controlled intensity

High intensity for analytical applications

Technical Specifications

KeyView Smart Engine+	
Equipment Type	Elemental analysis, protein purification
Wavelengths	220nm (+/- .3nm)
Optical Power	10 μ W to 50 microWatts (range)
Temperature	15°C to 30°C
Humidity	up to 80% non-condensing for temperatures up to 30°C
Altitude	up to 3,000M (9,850 ft)
Optical Noise	\leq 1 μ W
Sound Level	\leq 50dBA
Surface Temperature	\leq 40°C
Startup-time	< 30 sec
Dimensions (LxWxH)	321x10x5cm; (approx. 8x4x2in)
Weight	< 5Kg; < 12 lb
Operating Power	100 to 140VAC; 50/60Hz input
Air Input / Exhaust	Allow minimum 50mm (2 in) clearance from back panel
Certifications	CE, RoHS, REACH