

Sykam Blue UV/Vis Detection System

The Sykam Blue UV/Vis Detection System is a single or dual channel variable wavelength detector with a wavelength range of 190 to 900 nm and flow cells available in stainless steel or PEEK.

High sensitivity, stable baseline and low drift signal, make this detector suitable for routine as well as advanced research applications.



S 3245 UV/Vis Detector

Also available in a version with a wider housing (S 3250).

PARAMETER	SPECIFICATION
Flow cell material	Stainless steel or PEEK
Baseline noise	$\pm 1 \times 10^{-5}$ AU (@240 nm, 2 sec. Risetime)
Baseline drift	$< 3 \times 10^{-4}$ AU/h
Wavelength range	190–800 nm
Wavelength accuracy	± 2 nm
Linearity	> 2.0 AU
Light source	Deuterium Lamp, Tungsten Lamp
Wavelength program	Programmable, 10 steps
Analog output	1×1 V (single channel) or 2×1 V (dual channel)
Control features	Internal Peak Detector with +24 V solenoid switching output
Dimensions	310×165×478 mm W×H×D
Weight	11 kg
Power supply	100–250 V, 47–63 Hz
Article numbers	S000171 (single channel) S000206 (dual channel) S000197 (single channel with scan option)