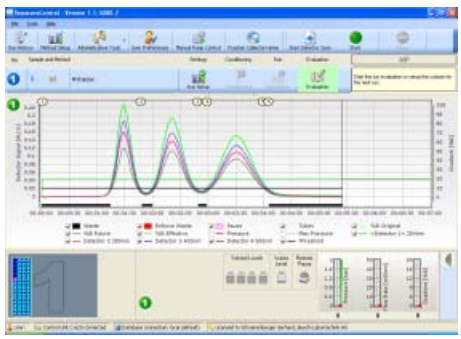
UV-Vis Detector C-640

Fast compound tracking over the complete UV-Vis range

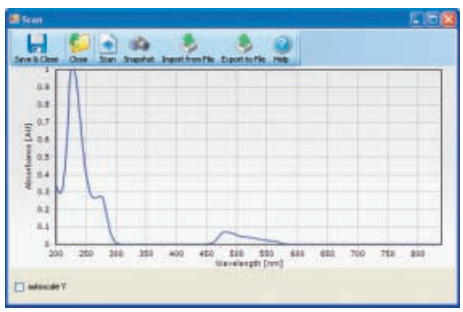
- Time saving by simultaneous monitoring of 4 wavelengths
- Compact design: only one detector to suit most application requirements. UV-Vis range: 200–840 nm

Detect and isolate your compounds with the Sepacore Flash Chromatography system



Sepacore Control software with 4 wavelengths simultaneous detection

- Almost «universal» detection with simultaneous monitoring at 4 wavelengths
- All detection channels can be used for peak detection



UV-Vis Scan

- «On-the-fly scan» provides a UV-Vis fingerprint of the eluting compound.

Technical data

	C-640
Wavelength range	200–840 nm (256 elements on CCD)
Accuracy of adjustment	± 1 nm
Reproducibility	± 0.5 nm
Time constant (T90)	0.5 s; 0.75 s; 1 s or 2 s
Power supply voltage	100–240 V
Average power consumption	60 W
Temperature environment	5–40 °C
Light source	Deuterium discharge lamp and halogen lamp
Materials in contact with mobile phase	PTFE, fused silica, stainless steel
Max. Flow rate	500 ml/min
Flow cell volume / optical path (adjustable)	45µl / 0.3 mm (standard)
	55µl / 1.4 mm
	70 µl / 2.4 mm
Max. pressure at the cell	20 bar / 290 psi
Interface	RS232
Dimensions (W x H x D)	135 x 185 x 400 mm / 5.3 x 7.3 x 15.7 in
Weight	6 kg

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