



SCION 6000 Series HPLC System

SPECIFICATION

LC 6000

SCION 6440 FLUORESCENCE DETECTOR

Physical Specification

Specification	Value
Dimensions (L × W × H)	440×340×280 (mm)
Weight	25kg
Power	AC 100 to 240 V (50/60 Hz) / 330VA
Communication	E-line (RS242) 、 USB 2.0



Specification Sheet

Specification	Value
Source	Xe lamp, Hg lamp (Wavelength calibration)
Excitation wavelength range	200~850 nm
Emission wavelength range	250~900 nm
Excitation spectral bandwidth	15nm
Emission spectral bandwidth	15 nm, 30 nm (Selectable)
Wavelength accuracy	< ±3nm
Wavelength reproducibility	±0.5nm
Response	0.01、0.02、0.05、0.1、0.5、1.0、2.0 s (7 steps selectable)
Sensitivity	S/N > 3000 versus a Raman peak of water (Specified conditions)
Flow cell	12μL, 1.0 Mpa
Flow cell temperature control range	40°C (Thermo cell only, optional, Operation temperature 4~30°C)
Time program	9 steps, Up to 600 minutes by increments of 0.1 minuteHg lamp
Wavelength accuracy check	Hg lamp (254nm), Auto check