

# LC 6000

Specification sheet

## SCION 6410 UV DETECTOR

### Dimensions & Weights

Dimensions:	490W x 360D x 174H (mm)
Weight :	14 kg
Power Supply:	DC 24 V, 2.5 A (max)/ 60 W
Communication:	Controller Area Network (CAN)

### Optical System

Double Beam	
Light Source:	D2 Lamp, Hg lamp for checking wavelength
Wavelength Range:	190nm to 600nm
Spectrum Bandwidth:	8nm
Wavelength Accuracy:	±2nm
Acquisition Rate:	0.5, 1, 10, 20Hz

### Parameters

Temperature Range:	4°C to 35°C (no condensation)
Humidity Range:	25% to 85% (no condensation)
Noise Level:	<1 x 10 <sup>-5</sup>
Drift:	<2.5 x10 <sup>-5</sup>
Autozero range:	0.2 to 2 AU
Offset:	0 to 2 AU, 0.001 step
Flow Cell Capacity:	14µL
Flow Cell Pressure Resistance:	14.7MPa (without inlet/outlet tube)
Time Programme:	Maximum 600 min in steps of 0.1 m Maximum number of steps: 50



### Programmable Measurements

Wavelength measurements

Baseline Process (only for single wavelength measurements)

### Leak Sensor

For the detection of leaks

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