

LC 6000

Specification sheet

SCION 6210/6220 AUTOSAMPLER

MAIN UNIT

Dimensions & Weights

Dimensions:	340W x 520D x 320H (mm)
Weight :	23kg/ 26kg (with thermo unit)
Power Supply:	24V DC, 2.1A
External Communication:	RS-422

Direct Injection

Number of Standard Sample:

- 200 (1.5mL vials)
- 128 (4mL vials optional)
- 288 (96-well microplate optional)
- 1152 (384-well microplate optional)

*Conditions settable depending on vial/rack

Syringe Volume:

- 100 μ L (standard)
- 500 μ L, 1 mL, 2.5 mL (optional)

*Syringe speed settable

Mechanism:

- X Direction; sample rack movement
- Y/Z Direction; needle movement

Maximum number of injections per sample:	99
Maximum cycle time:	999.9 mins

Temperature and Humidity

4°C to 35°C (non-condensing)
25 to 85%

Data

Reproducibility of injection volume:	<0.3% RSD (10 μ L injection)
Linearity of injection volume:	R2 0.999
Accuracy of injection volume:	\pm 0.8% (50 μ L n=10)
Carryover:	<0.003% RSD (10 μ L of blank after 10 μ L of 60mg/100mL methylparaben)
Withstand pressure:	60MPa
Wetted Part Material:	SUS316, PEEK, fluororesin, EPDM, Vespel®, UHMWPE



THERMO UNIT (optional - 6220 Autosampler with Cooling Unit)

Thermo unit is a Peltier cooling system to cool the sample. It is excellent in operability because it does not use water as a coolant.

Temperature Setting Range: 1 to 35 °C

Cooling Power: Ambient temperature; minus 5 °C

Temperature Range: 15 to 25 °C and humidity of 60 %

Ambient Humidity: 25 to 85%

Peltier Cooling System

Power Supply: 100 to 240 V AC \pm 10% (50/60 Hz), 110 VA

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