

Site Requirements for Stopped-Flow Installation.

Below are the site requirements for Applied Photophysics Stopped-Flow Spectrometers. These requirements must be fulfilled before the installation engineer arrives to install the spectrometer. If there are any questions regarding these requirements please contact the Customer Care Department.

1) Bench Area.

SX.18MV-R System 2m x 0.7m

SX.18MV-R System with SK1E option. 2.5m x 0.7m

SX.18MV-R System with CD2.C option. 2.5m x 0.8m

2) Electrical requirements.

	Running Current.	Peak VA (minimum value of UPS)
220/240 Volt systems.	1.6 A	700 VA
110/Volt Systems	3.2 A	700 VA

3) Gas Requirements.

Compressed gas supply, usually nitrogen or air, delivered to the system at between 8 and 9 bar. (124 to 140 psi). The system will be delivered with suitable, 1/4 inch ID, high pressure tubing to connect the regulator to the Sample Handling Unit.

This gas supply is used to drive the sample handling unit drive rams. In systems fitted with ozone producing xenon lamps, part of the gas supply is bled off to purge the lamp housing. In this instance the gas supply must be nitrogen.

4) Thermostating

If there is a requirement for temperature control of the sample handling unit then a circulating thermostat bath and tubing must be available. The tubing that connects to the sample handling unit should have an internal diameter of 8mm.

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Applied Photophysics was established in 1971 by the Royal Institution of Great Britain