

Sample Rinse	[0-10]	The number of times the syringe is filled with sample and "emptied" to the waste vial. The volume of sample loaded into the syringe will be according to the Sample Volume % Parameter.
Sample Pumps	[0-10]	The syringe will be flushed this number of times with standard/sample solution before the final standard / sample solution is drawn into the syringe prior to injection. The syringe will remain in the sample vial for this process. This helps to purge air bubbles from the syringe before drawing in the final sample to be injected.
Sample Fill Rate %	[0-100%]	The plunger motor fill rate speed will may be controlled with this value. Use 100% for the fastest plunger operation. Use a lower number if more viscous samples are being used to avoid bubble formation.
Sample Inj Rate %	[0-100%]	The plunger injection speed is controlled with this parameter. Use a lower number if more viscous samples are being used to increase reproducibility. Use 100% for the fastest injection speed.
Syringe Offset %	[0-20%]	The syringe offset determines what volume of sample remains in the syringe at the completion of an injection. A value of 10% to 20% may be useful in avoiding volume errors due to bubbles caused by certain sample types. The offset is ignored during the rinse cycle. This parameter <b>MUST</b> be set to if the Pre-Fill air parameter is being used.
PreFill Air %	[0-100%]	The amount of air to be drawn into the syringe before drawing in the standard/sample. This provides a head space of air to help purge the syringe of the entire sample during injection. The value entered is a percentage of the total syringe volume, i.e. a setting of 10% (when utilizing a 10µl syringe) will draw 1µl of air into the syringe. <b>See "Syringe Offset Parameter"</b> . Note, the sum of the standard volume & sample volume & Prefill Air % cannot exceed 100% of the syringe capacity.