Agilent 7683B Injector capabilities

Parameter	Range		
Syringe size	0.5, 1, 5, 10, 25, 50, or 100 µL		
Number of sample vials	Up to 8 without tray or 100 with tray		
Number of injections per vial	1 to 99		
Injection volume Minimum Maximum	0.1 µL (5 µL syringe) 2% of syringe volume 50.0 µL (100 µL syringe) 50% of syringe volume		
Plunger speed* (µL/s) 5 µL syringe 10 µL syringe 25 µL syringe 50 µL syringe 100 µL syringe	Slow 2.5 5 12.5 25 50	Fast 50 100 250 500 1000	Variable† <1~50 <1~100 <1~250 <1~500 <1~1000
Overall injection time (approximate)	0.1 s (Standard) 4 s (Cool on-column)		
Sampling depth	−2 to +30 mm relative to default		
Sampling viscosity delay	0 to 7 s		
Number of sample prewashes	0 to 15		
Number of sample pumps	0 to 15		
Number of solvent prewashes	0 to 15		
Number of solvent post-washes	0 to 15		
Multiple injection mode (with PTV inlet only)†			
Number of injections	1 to 100		
Injection delay time	0 to 100 s		
Preinjection dwell	0 to 1 minute		
Postinjection dwell	0 to 1 minute		

*   Plunger speeds shown are for DRAW and inject. Dispense speed is the same as FAST

INJECT. †   This mode is only available under Agilent data system control.