

# Sample Introduction

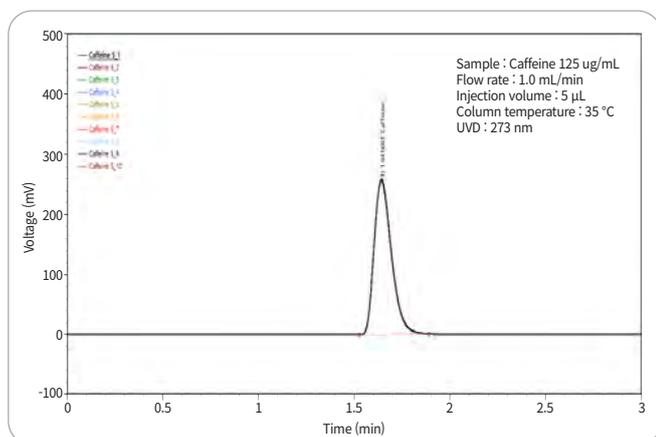
## Autosampler

### YL9150 Plus LC Autosampler

Newly launched YL9150 Plus LC Autosampler developed by our own technology can provide the enhanced efficiency of analysis with fast injection and enlarged sample capacity. The spray-type rinsing reduces the carry-over by washing off the contamination and the direct injection leads the low sample consumption. The leak sensor and the automatic tray sensor ensure the process safety as well as the LED inside of equipment allows users to see its operation.



- Sample capacity : Up to 120 samples (2 ml vial), 80 samples (4 ml vial)
- Carry over : < 0.04% with standard wash  
Typically < 0.02% with extra wash
- Reproducibility : RSD < 0.3% for full loop injections  
RSD < 0.5% for partial loopfill injections (Injection volume > 5 µL)  
RSD < 1.0% for µL pick-up injections (Injection volume > 5 µL)
- Injection volume : 1 µL-400 µL, with 0.1 µL increment
- Sample cooling : 4 °C-40 °C (Option)



		Area	Height	Retention Time
1	Caffeine 5_1	1621.486	256.337	1.642
2	Caffeine 5_2	1633.140	258.096	1.643
3	Caffeine 5_3	1629.508	257.800	1.643
4	Caffeine 5_4	1626.078	257.150	1.643
5	Caffeine 5_5	1624.189	257.132	1.643
6	Caffeine 5_6	1630.313	257.965	1.643
7	Caffeine 5_7	1620.075	256.408	1.643
8	Caffeine 5_8	1629.025	257.751	1.643
9	Caffeine 5_9	1623.780	256.916	1.643
10	Caffeine 5_10	1633.378	258.686	1.643
Sum		16270.970	2574.241	16.428
Average		1627.097	257.424	1.643
SD		4.680	0.761	0.001
%RSD		0.288	0.296	0.034

## Manual Injector

### Rheodyne 7725i / 9725i

- Industry standard manual injector
- Analytical : 7725i(SUS) and 9725i(PEEK)
- Semi-prep : 3725i



## Column Switching Valve

### MX Series II™ (Stand-alone)

MX Series II™ automated high-pressure fluidic valves provides productivity enhancing solutions for today's demanding analytical methods. Combine MX Series II modular valves with your current instrument to support complex fluid switching and sample injection needs.

### TitanHP™

TitanHP™ consists of an integrated driver/actuator and a removable liquid-end (Rapid Replacement Pod™) to provide a single, flexible space-saving design. Eliminating the need for development of an internal board and firmware means shorter product development cycles and reduced time-to-market.

DuraLife® wear surfaces extends valve lifetime, which means reduced field service and more customer analysis time between replacements of the wetted surfaces.