

Autosamplers



YL3000A Series Autosampler

YL3000A Series Autosampler는 높은 정밀도와 손쉬운 작동으로 GC/GC-MS의 분석 능력과 생산성을 향상 시킵니다.

일반적으로 사용하는 모든 Syringe (0.5 ~ 100 μ L)를 사용할 수 있어 다양한 응용분석에 활용 가능합니다. 정교한 주입 기술로 빠른 주입, 느린 주입이 가능하여 시료의 손실 없이 높은 재현성의 결과값을 제공합니다.

특징

- The self-aligning "Plug and Play"**
 다른 특별한 도구 없이 GC에 장착과 분리가 쉽고 편리함
- Full-color touch screen interface**
 처음 기기를 접하는 실험자들을 위한 손쉬운 작동으로 접근성과 편리성을 제공
- The greatest solvent capacity**
 각 10 mL의 6개 바이알의 용매를 사용할 수 있어서 장시간 기기 사용이 가능
- Double wash step capability**
 Carry-over를 현저히 낮추고 분석능력을 향상
- Syringe illumination**
 시료 조정 및 공기방울 발생 여부 확인 가능

YL3000A Series 사양 비교

	YL3000A	YL3100A	YL3200A
Sample Capacity	121 vials, 2 mL	15 vials, 2 mL	209 vials, 2 mL
Solvent Capacity	6 solvent vials of 10 mL each (Total Capacity : 60 mL)		
Double Wash Step	○	○	○
Dual Injection	○	○	○
Variable Needle Depth	○	○	○
Syringe Illumination	○	-	○
Control Pad	Full-color Touch screen	Keypad	Full-color Touch screen
Integrated Bar Code Rader	-	-	○
Syringe ID	-	-	○



YL3000A Liquid Autosampler



YL3100A Liquid Autoinjector



YL3200A Premium Liquid Autosampler



HT2800T

HT2800T Headspace, Liquid and SPME Autosampler

Headspace + Liquid injection + SPME (Solid Phase Microextraction) 통합 모델로 시간, 비용 절감에 효과적이며 연구 개발에 유용하게 사용됩니다.

※ SPME는 Option 사양입니다.

YL2000H Series Autosampler

Gas tight syringe 방식을 취하고 있는 Headspace Autosampler로 사용이 매우 편리하며, 음용수, 폐수, 토양, 산업 쓰레기 등 다양한 분석에 사용됩니다.

특징

- 모든 GC, GC/MS 호환 가능
- 간편하고 쉬운 사용법
- Compact한 디자인 : 작업 공간 최소화
- 사용자 편의 향상
 - Touch pad(YL2000H) , Keypad(YL2100H)

YL2000H Series 사양 비교

	YL2000H	YL2100H
Sample capacity	42 vials, 20 mL	14 vials, 20 mL
Oven position	6	1
Oven temperature	40 ~ 170 °C	40 ~ 150 °C
Shaking method	orbital	Vibration (sussultatory)



YL2000H Headspace Autosampler



YL2100H Headspace Autoinjector

Autosampler Specifications

Autosampler		
YL3000A	YL3100A	YL3200A
<ul style="list-style-type: none"> • Tray Capacity : 121 vials of 2 mL • Syringe area illumination : yes(Programmable) • Filling <ul style="list-style-type: none"> · Air bubble removal up to 15 strokes · Viscosity delay from 1 to 15 secs • Injection <ul style="list-style-type: none"> · Injection Speed : 1 ~ 100 µL/sec · Waiting Time(before and after inject) : 0 ~ 99 secs · Programmable sampling and injection speed · Variable needle depths • Washing <ul style="list-style-type: none"> · Solvent capacity : 6 × 10 mL vials · Type : Pre-injection, sample, post-injection 	<ul style="list-style-type: none"> • Tray Capacity : 15 vials of 2 mL • Syringe area illumination : no • Filling <ul style="list-style-type: none"> · Air bubble removal up to 15 strokes · Viscosity delay from 1 to 15 secs • Injection <ul style="list-style-type: none"> · Injection Speed : 1 ~ 100 µL/sec · Waiting Time(before and after inject) : 0 ~ 99 secs · Programmable sampling and injection speed · Variable needle depths • Washing <ul style="list-style-type: none"> · Solvent capacity : 6 × 10 mL vials · Type : Pre-injection, sample, post-injection 	<ul style="list-style-type: none"> • Tray Capacity : 209 vials of 2 mL • Syringe area illumination : yes(Programmable) • Filling <ul style="list-style-type: none"> · Air bubble removal up to 15 strokes · Viscosity delay from 1 to 15 secs • Injection <ul style="list-style-type: none"> · Injection Speed : 1 ~ 100 µL/sec · Waiting Time(before and after inject) : 0 ~ 99 secs · Programmable sampling and injection speed · Variable needle depths • Washing <ul style="list-style-type: none"> · Solvent capacity : 6 × 10 mL vials · Type : Pre-injection, sample, post-injection • Syringe ID : Included • Barcode Reader : Option
YL2000H	YL2100H	HT2800T
<ul style="list-style-type: none"> • Tray Capacity : 42 Vials(20 mL) ; optional : 6 and 10 mL • Incubation Oven : 6 positions • Shaking Method : Orbital • Syringe Sizes : 2.5 mL ; optional : 1 and 5 mL • Oven Temperature : 40 ~ 170 °C • Sampling <ul style="list-style-type: none"> · Syringe Temperature : 40 ~ 150 °C · Pull Up Strokes : Up to 15 Strokes · Sampling Volume : Steps of 0.01 mL · Filling Speed : 0.5 ~ 100 mL/min • Injection <ul style="list-style-type: none"> · Sampling Repeats : Up to 15 · Injection Speed : 0.5 ~ 100 mL/min 	<ul style="list-style-type: none"> • Tray Capacity : 14 Vials(20 mL) ; optional : 10 mL • Incubation Oven : 1 position • Shaking Method : vibration(sussultatory) • Syringe Sizes : 2.5 mL ; optional : 1 and 5 mL • Oven Temperature : 40 ~ 150 °C • Sampling <ul style="list-style-type: none"> · Syringe Temperature : 40 ~ 150 °C · Pull Up Strokes : Up to 15 Strokes · Sampling Volume : Steps of 0.01 mL · Filling Speed : 0.5 ~ 100 mL/min • Injection <ul style="list-style-type: none"> · Sampling Repeats : Up to 15 · Injection Speed : 0.5 ~ 100 mL/min 	<ul style="list-style-type: none"> • Liquid Operation : Same as YL3000A autosampler • Headspace Operation : Same as YL2000H • SPME Operation : <ul style="list-style-type: none"> · Tray Capacity : 42 vials, 20 mL ; optional : 6 and 10 mL · Oven Temperature : 40 ~ 170 °C · Shaker Speed : from very low to very high

*영린 GC뿐 아니라, 타사 GC와의 호환도 가능합니다.