

# Specifications at a Glance - 1100 Series Autosamplers

## Analytical injection ranges

Settable injection volume range	Precision of peak areas	Injection system	Configuration
<b>Standard autosamplers</b>			
0.1 – 100 µL	Typically < 0.5 % RSD from 5 – 100 µL, typically < 1 % RSD from 1 – 5 µL	<b>1100 Series standard autosampler, non-thermostatted version and thermostatted version</b>	Standard G1313A and G1327A
Up to 1500 µL	Typically < 0.5 % (injection volume <1000 µL), 0.5 % (injection volume > 1000 µL)		G1313A/G1327A with multi-draw kit G1313A#021 or G1313-68711
0.1 – 900 µL	Typically > 0.5 % (injection volume < 5 µL), < 0.5 % (injection volume 5 – 900 µL)		G1313A/G1327A with extended injection range option G1313A#020 or G1363A
Up to 1800 µL Up to 5000 µL	< 0.5 % up to 1800 µL < 0.5 % (injection volume < 2000 µL), 1 % (injection volume > 2000 µL)		Plus multi-draw kit Plus additional exchange of seat capillary (0101-0301)
<b>Well-plate autosamplers</b>			
0.1 – 100 µL (sampling from vials and well plates possible)	Typically < 0.5 % from 5 – 100 µL, < 1 % from 1 – 5 µL	<b>1100 Series well-plate autosampler non-thermostatted version and thermostatted version</b>	Standard G1367A and G1368A
Up to 1500 µL (sampling from vials and well plates possible)	Typically < 0.5 % (injection volume <1000 µL), 0.5 % (injection volume >1000 µL)		G1367A/G1368A with multi-draw kit G1313A#021 or G1313-68711

## Extended injection ranges

Settable injection volume range	Precision of peak areas	Injection system	Configuration
<b>Micro autosampler and micro well-plate autosamplers</b>			
0.01 – 8 µL, 0.01 – 40 µL	Typically < 0.5 % RSD from 5 – 40 µL, < 1 % RSD from 1 – 5 µL, < 3 % from 0.2 – 1 µL	<b>1100 Series thermostatted micro autosampler</b>	Standard (8 µL loop) Extended loop capillary (40 µL loop), G1387A
0.01 – 8 µL, 0.01 – 40 µL (sampling from vials and well plates possible)	Typically < 0.5 % RSD from 5 – 40 µL, < 1 % RSD from 1 – 5 µL, < 3 % from 0.2 – 1 µL	<b>1100 Series micro well-plate auto-sampler, non-thermostatted version and thermostatted version</b>	Standard (8 µL loop), Extended loop capillary (40 µL loop), G1377A and G1378A
<b>Preparative autosamplers</b>			
0.1 – 900 µL Up to 2300 µL	Typically < 0.5 % RSD from 10 – 500 µL, < 3 % RSD from 1 – 10 µL, < 0.5 % (injection volume < 2000 µL), 1 % (injection volume > 2000 µL)	<b>1100 Series preparative autosampler non-thermostatted version and thermostatted version</b>	Standard G2260A and G2261A
Up to 5000 µL	< 0.5 % (injection volume < 2000 µL), 1 % (injection volume > 2000 µL)		With multi-draw kit With additional exchange of seat capillary (0101-0301)
Up to 50'000 µL	1. Complete loop fill: 50 µL loop, overflow factor > 3: Typically < 0.5 % RSD 2. Partial loop fill: 5000 µL loop, 1000 µL injection volume, draw/eject speed 20 mL/min: Typically < 1.0 % RSD	<b>1100 Series dual-loop autosampler PS, non-thermostatted version and thermostatted version</b>	G2258A, thermostatted version: add G1330B

### 1100 Series thermostat module

Temperature range:	Adjustable from 4° C – 40° C in 1° C increments
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