

Table 64

Performance Specifications Agilent 1100 Series Thermostatted Micro Autosampler (G1389A)

Type	Specification
Sample capacity	100 x 2 ml vials in 1 tray. Microvials (100 or 300 µl) with sleeves (reduced cooling performance with microvials)
Settable injection volume	0.01 to 8 µl with small loop capillary 0.01 to 40 µl with extended loop capillary
Precision	Typically < 0.5 % RSD from 5 to 40 µl Typically < 1 % RSD from 1 to 5 µl Typically < 3 % RSD from 0.2 to 1 µl
Minimum sample volume	1 µl from 5 µl sample in 100 µl microvial, or 1 µl from 10 µl sample in 300 µl microvials
Carryover	Typically < 0.1 % without automated needle wash Typically < 0.05 % with external needle cleaning and 1 µl injection volume
Sample viscosity range	0.2 - 5 cp
Recommended pH-range	1.0 - 8.5 solvent with pH < 2.3 should not contain acids which attack stainless steel. Upper pH range is limited by fused silica capillaries
Material in contact with solvent	Stainless steel, sapphire, PTFE, PEEK, fused silica, Vespel
GLP features	Early maintenance feedback (EMF), electronic records of maintenance and errors
Communications	Controller-area network (CAN). GPIB (IEEE-448), RS232C, APG-remote standard, optional four external contact closures and BCD vial number output
Safety features	Leak detection and safe leak handling, low voltages in maintenance areas, error detection and display
Housing	All material recyclable