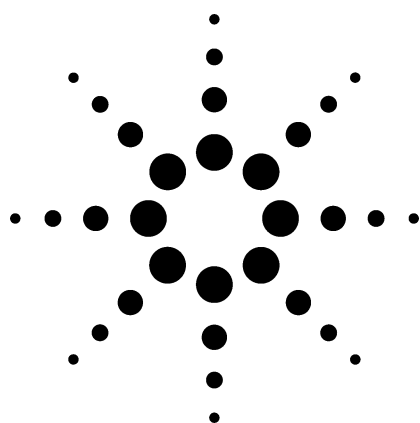


# Agilent G1888 Network Headspace Sampler

## Selection Guide and Specifications



### Selection Information

Description	Model/Part no.
<p><b>Headspace Sampler</b></p> <p>Seventy vial tray with optimized sample overlapping constant time thermostating of 12 vials. Switchable of built-in pressure control or GC EPC. Deactivated sample probe, 1-mL loop, tubing, needle and 85-cm transfer line. Controlled by built-in key pad or Agilent Data System. (Add-on software order separately)</p> <p>LAN/RS-232 communication. Including starter kit to connect to Agilent 6890N GC and basic consumables.</p>	G1888A
<p><b>Software</b></p> <p>Integrated software for co-execution control of G1888A or G1289B/G1290B headspace sampler by Agilent GC ChemStation. Requires GC ChemStation Software version 9.3 or higher (order separately).</p>	G2922AA
<p><b>Cables</b></p> <p>Remote start/stop cable for 5890/4890GC</p> <p>General cable for all GCs</p>	35900-60700 35900-60670
<p><b>Consumables</b></p> <p>Transfer line needle, deactivated: 0.7 mm od</p> <p>Transfer line needle, deactivated: 0.5 mm od</p> <p>Sample loop, Headspace, deactivated: 3 mL</p> <p>Sample loop, Headspace, deactivated: 1 mL</p> <p>Sample probe, deactivated</p> <p>Vial kit: 100 ea, flat bottom 20-mL crimp top, aluminum crimp caps, PTFE/Butyl septa &lt;125 °C</p> <p>Vial kit: 100 ea, flat bottom 20-mL crimp top, aluminum crimp caps, PTFE/Silicone septa &gt;125 °C</p> <p>Kit: Vial, 20-mL screw cap, clear color 100/pk</p> <p>Screw top caps, PTFE/Silicone septa 100/pk,</p>	2322590005 2322590004 2321700004 2321700003 2322700011 5182-0839 5182-0840 5188-2753 5188-2759
<p><b>Manual Kit</b></p> <p>Operating and service manual CD-ROM</p>	G1888-90010



## Specifications

### Sample Capacity

Holds 70 vials in tray. Twelve position oven for optimized sample overlapping constant time heating.

### Sample Vials

Standard crimp top or screw cap vials, 20 mL, 10 mL. No adaptor required for 10-mL sample vials.

### Mode of Operation

Shaking with choice of off, low, or high.

Constant heating time (CHT) mode for each sample. Overlapping up to 12 vials for maximized sample throughput

Multiple headspace extraction (MHE) mode with up to 100 extractions per vial for method development and validation or for analysis of sample in unusual matrices

Multiple headspace extraction concentration (MHC) mode, with up to 10 extractions from 1 vial made followed by one GC start after the last extraction to increase sensitivity

### Zone Temperature

All temperature zones can be set off

Oven heating: 40 °C to 230 °C in 1 °C increments;  
0.5–999 min in 0.1 min increments

Loop/Valve: 45 °C to 250 °C

Transfer line: 50 °C to 250 °C

### Sample Pathway

Inert deactivated path from sample needle to transfer line. Transfer line length: 85 cm. Sample loop: 1 mL (standard), 3 mL (option)

### Pneumatic Control

In-unit switch connection between: Built-in manual pneumatics (pressure regulator and flow controller) and GC built-in electronic pneumatic control (EPC)

### Interfacing with GC

Volatile inlet (VI) or other standard GC inlet

### Communication

LAN; RS-232; Remote start/stop

### System Control

Control and monitoring by full function control keypad and built-in multiline display. Features:

- Parameter set up
- Store up to four user defined headspace methods (there are also five preset methods)
- Detailed power-on self test
- Built-in leak test routine
- Update firmware via LAN or RS-232
- Monitor set and actual values, as well as, operation status

### GC ChemStation

Complete integration/control with the GC ChemStation, (G2070AA - A.09.03 or later) and headspace control SW (G2922AA). Headspace parameters are part of a GC method. Using a GC ChemStation sequence table to track sample from sampling to analysis. Event log function records every step of headspace events. FDA 21 CFR part 11 compliant. (Must also order ChemStation Plus Security Pack separately.)

### Dimensions and Weight

Height: 55.5 cm (21.6 in)  
Width: 46.0 cm (18.1 in)  
Depth: 63.5 cm (25.0 in)  
Average weight: 46.3 kg (102 lb)

### Environmental Conditions

Operation: 10 °C to 35 °C  
Storage: –40 °C to 70 °C  
Humidity: 5% to 95%  
Line voltage: 100–240 V ±10%  
Power required: 750 VA maximum

### Safety and Regulatory Certification

- Canadian Standards Association (CSA) C22.2 No. 1010
- CSA/Nationally Recognized Test Laboratory (NRTL): UL 3101
- International Electrotechnical Commission (IEC): 61010-1
- EuroNorm (EN): 61010-1
- CISPR 11/EN 55011: Group 1 Class A
- IEC/EN 61326
- Designed and manufactured under a quality system registered to ISO 9001
- Declaration of Conformity available

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