

# GBS – Gas Bag Sampler

Automatic Gas Sampler



SIMPLY SMART SOLUTIONS

# GBS

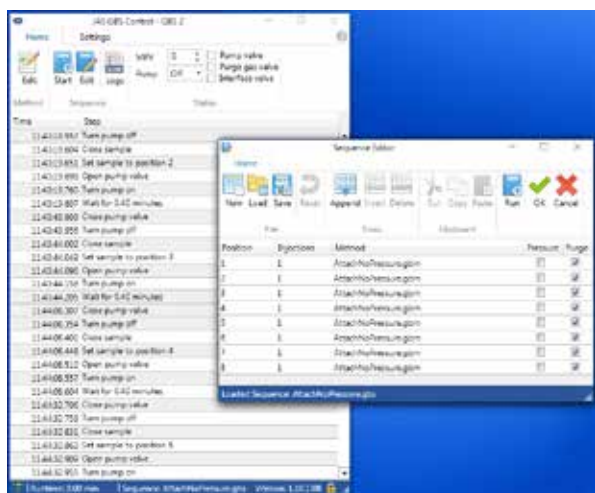
## Automatic Gas Sampler

### Use Your Sampling Bags and Balloons Easily

#### Operation Mode

The automated gas sampler enables you to perform analysis of multiple gas samples without manual sample handling. Attach all your gas samples to the ten special sample connectors and start your sequence.

The device is equipped with a multi position valve to select a sample port and a pump to convey samples into your analytical system. Maximum sample pressure is three or six bar depending on valve selection.



#### Software Control Option

The Software Control is compatible with most GCs. A personal computer is used to send the sample sequence to the GBS. A USB cable is applicable to connect to the PC for distances up to five meters. LAN is used for longer distances. The GBS communicates with the GC via the remote interface to receive or to send remote signals. The sequence procedure of the GBS can be monitored with the software and canceled if necessary.

#### Contact Closure Operation Option

This option is compatible with Agilent 8890, 8860, 7890 und 6890 GCs. It integrates the GBS control completely into your Openlab Chemstation, Agilent EZChrom (Elite) or Agilent MassHunter. The GC uses the external event interface and BCD to fully operate the GBS.

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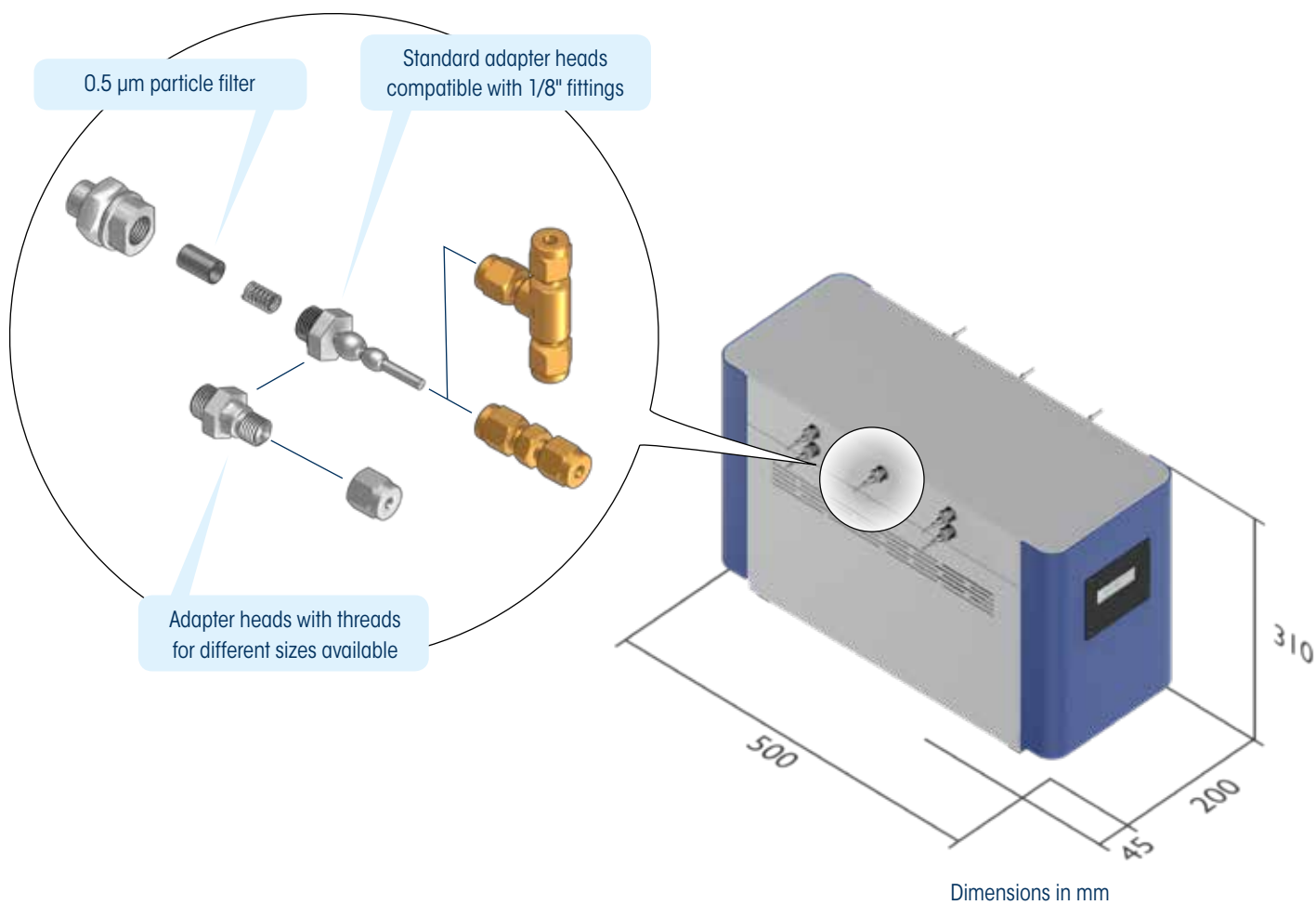
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### Sample Connectors and Customization

Every sample port is equipped with a 0.5 µm easy-to-change particle filter. Use a one-to-one connector to attach your calibration standard or a tee to take samples out of a stream. Customize your system by selecting different adapter heads with threads for 1/16", 1/8" or 1/4" tubes. Choose inert tubing for your sampler. Customization of sample ports is available, e.g. moving all ports to one side of the system or installation of up to 16 ports.



Please contact JAS for more information.





## About Joint Analytical Systems

Since 1995 JAS has been a Premier Solution Partner and Value Added Reseller of Agilent Technologies. We are an innovative-driven organization that offers customized solutions for GC, GCxGC,  $\mu$ GC, GC-AED, GC-MS, GC-QQQ, LC, LC-MS, LC-QQQ and Q-TOF LC-MS applications.

## JAS serves key industries such as

- Chemical
- Petrochemical/HPI
- Environmental
- Food & Flavor
- Forensic

## JAS Products for GC

- Atomic Emission Detector
- UNIS Inlet Systems
- CryoTrap
- EzPrep - Preparative Fraction Collector
- Olfactometer
- Customized Valving Systems
- GICU - Gas Injection Control Unit

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