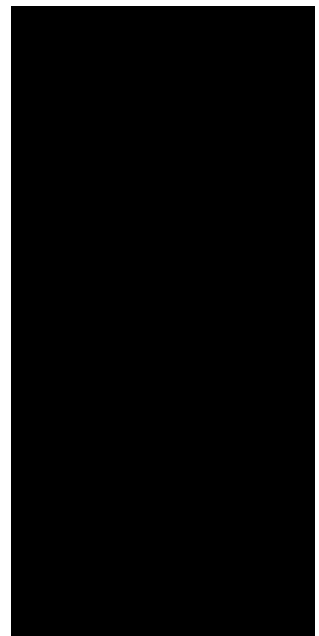


Greenhouse Gas Autosampler

AS-210

SRI GC GreenHouse Gas Autosampler AS-210 -SRI INstruments Europe



AS 210 Intro

The new Greenhouse Gas Autosampler distributed by SRI Instruments Europe GmbH is an openly programmable XYZ-Autosampling System.

In combination with an SRI Instruments "Greenhouse GC" or any other brand of GC (with a sample loop), all the gases that are relevant in climate monitoring (Methane, Carbon Dioxide, and Nitrous Oxide) can be analyzed with a cycling time of only 4 minutes.

With its 210-position-vial rack for 20ml Headspace vials, you can analyze up to 346 samples per day.



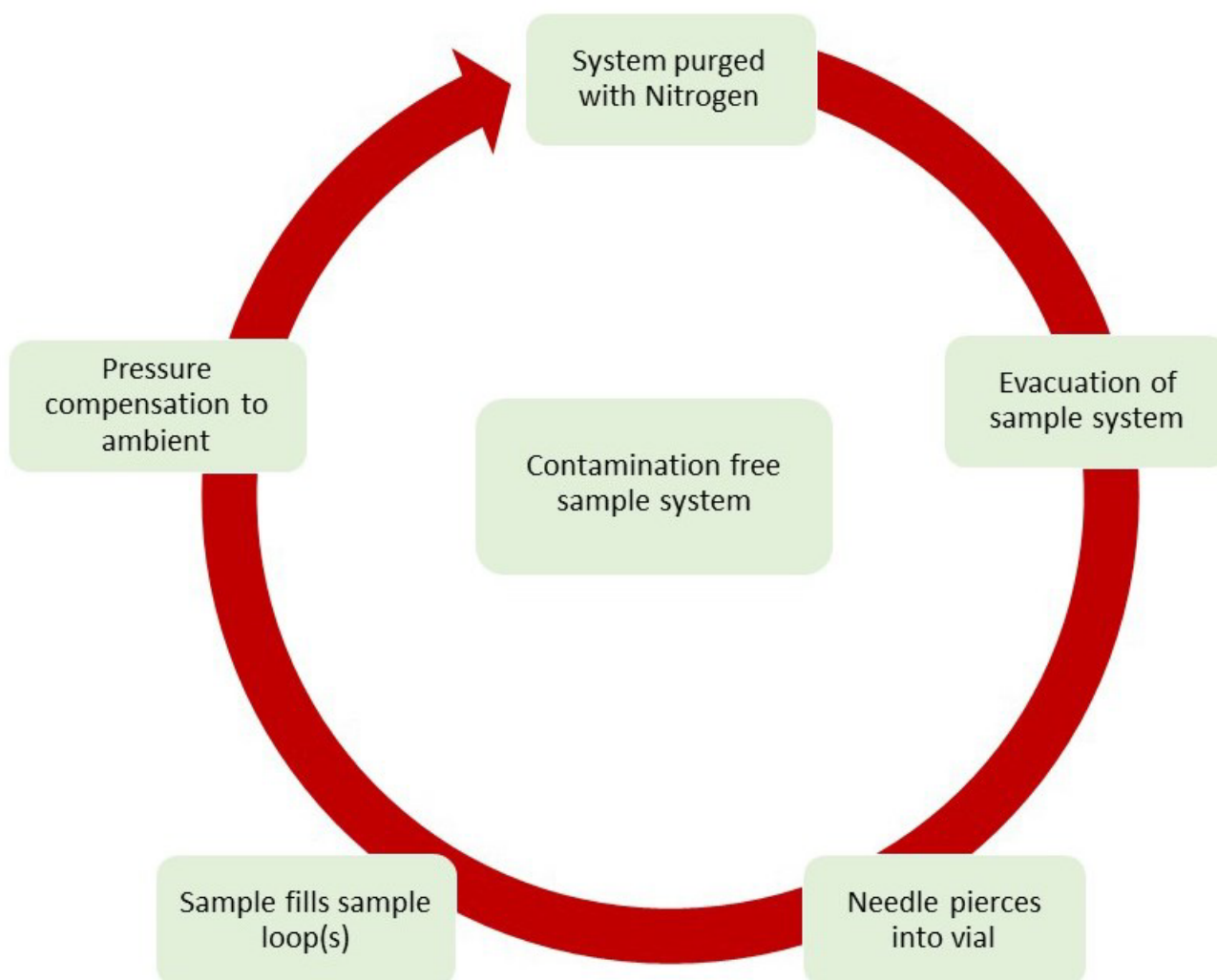
AS-210 Front

- 4 methods
- 9 sequences
- Openly programmable step rates
- User-specific rack size possible
- Maximum path: X=380 mm, Y=480 mm, Z=150 mm
- 4.3" Touchscreen display
- System can be purged with Nitrogen
- Evacuation of the sample system using a rotary vacuum pump (down to 1 mbar)
- Pressure control by sensor
- Up to 4 calibration gases can be used
- Calibration routine included in the software
- Control calibration

- It is compatible with any GC that has a sample loop

Sampling Theory:

- System flushed with Nitrogen
- Evacuation of the sample system
- Needle pierces the vial – sample streams into the evacuated system
- Pressure compensation to ambient pressure
- A pre-sample loop prevents ambient from entering the sample loop

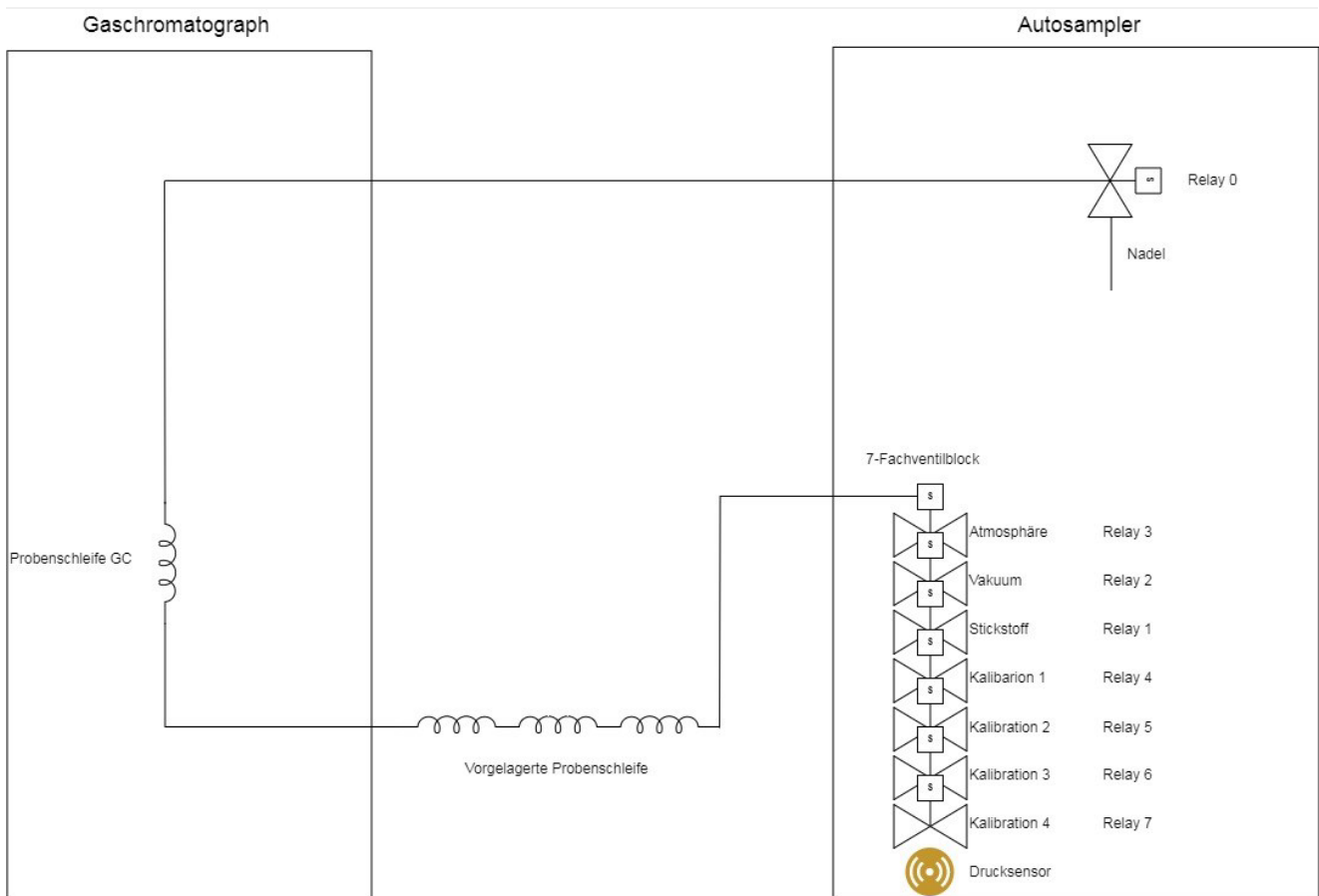


Sampling Theory

Technical Specifications:

Greenhouse Gas Autosampler - SRI Instruments Europe

Dimensions	990 mm x 780 mm x 630 mm
Weight	45 kg
Power Supply	115/230 V 50/60 Hz
Power Consumption	300 W
Tray Sizes	210 vials positions for 20 mm headspace vials 10/20 ml 360 vial positions for Labco Exetainer 12 ml flat bottom



Autosampler – GC Connection Diagram

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[GC Catalog](#)

NEW HPLC - LINE 2023



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