

aquamax KF
PRO LPG

LPG Selection Box

Automated sample feeding of liquefied gases

Product description

The LPG Selection Box is an expansion module for your Aquamax KF PRO LPG. It automates the sample feed to the device. This means that liquefied gases can be metered without contamination, i. e. without being affected by ambient humidity. The number of purging steps required for a correct measurement result is minimised, which considerably shortens the analysis time.

The LPG Selection Box is based on a pressure-stable system to dose high-pressure samples safely and memory-free. Rinsing is done with purge gas, a quick rinse procedure with sample or purge gas is possible.

Samples can be taken from large high-pressure cylinders, small cartridges or Welker cylinders via the box and dosed into the Aquamax KF PRO LPG. The heavy sample cylinders are not moved in the process.

The LPG Selection Box is suitable for routine measurements in industrial areas.



LPG Selection Box for Aquamax KF PRO LPG

Features

- 15 connections for sample cylinder
- 1 connection for purge gas (nitrogen or argon)
- Optical signal of active sample position
- Sample transfer via stainless steel lines (1/8" or 1/16")
- Suitable for large high-pressure cylinders, small cartridges, Welker cylinders
- Pressure up to 14 bar for liquefied gases or with pressure reducer for gases
- Automatic purging steps before changing to new sample position
- Duration of dosing and purging steps selectable
- Multiple measurements possible
- Low drift due to precise and repeatable motion sequences



Aquamax KF PRO LPG with connected LPG Selection Box and gas sample cylinder

Technical specifications

Samples:	Liquefied or expanded gases
Connections:	15 ports for samples, 1 port for purge gas (nitrogen or argon)
Sampling:	From large high-pressure cylinders, small cartridges, Welker cylinders
Sample inlet:	1/8" or 1/16" connections (for stainless steel transfer lines).
Sample pressure:	Up to 14 bar (liquefied gases) or with pressure reducer for gases
Sample dosing volume:	125 mL or more
Sample dosing:	Via stainless steel transfer line (1/8" or 1/16")
Valve:	16-port-valve
Interface:	RS 232
Power supply:	24 V DC
Dimensions:	90 x 225 x 180 mm (W x D x H)
Weight:	Ca. 1.4 kg



View of the back of LPG Selection Box

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