



Rapidox 2112 Multiplex



Features

The Rapidox 2112 Multiplex System is designed for sequential analysis of multiple gas samples with the use of just one gas analyser.

Available with 5, 10 or 15 independent gas inlet ports that are fed to a single gas outlet using a system of electronically controlled solenoid valves.

Programmed and operated using the bespoke Rapidox software supplied with the 2112*, the Rapidox Multiplex is intended for stand-alone applications. However, there is also a manual override dial on the unit.

The Multiplex unit allows the user to decide how long each sample line is used for before moving to the next. If a channel is not required then the time is simply set to zero.

The software also synchronises with the Rapidox analyser so that the user can easily tell which channel is being sampled at any time*. The channels can be named for ease of identification and during data-logging they are identified by colour coding.

Due to the manual facility the Multiplex can be used with any other gas sampling systems or gas process applications requiring multiple sample points.

*Software compatible with the Rapidox range of gas analysers only

- 5, 10 or 15 channel multiplex sampling system
- Editable channel titles and colour coding enhance identification
- Provides users with full control over the sampling time of each channel
- Automatic control of gas sampling using bespoke Rapidox software
- RS232 communication (Serial to USB cable available)
- Manual override option for use without a PC
- Operates on any worldwide mains voltage (90-260VAC)
- LED indicators on the front panel
- Quick connect nipple fittings for 4mm ID / 6mm OD tubing (other fittings available)
- Compatible with any brand of gas analyser when operated manually

Applications



Biogas



Gas



Medical & Pharmaceutical



Chemicals



Glove Boxes



Metal Heat Treatment



Combustion



Inert Gas Blanketing



Research & Development



Emissions



Manufacturing



Syngas

Multiplex Rear



Specification

Gas in/out fittings	5, 10 or 15 Gas in options, 1 Gas out 4mm nipple fittings (other fittings available)
Communication	RS232 serial port (USB convertor available)
Operating modes	Manually/Via software
Max gas inlet pressure	900 to 1100 mbar absolute
Operating temperature	0°C to 40°C
Voltage	90-260Vac, 50/60Hz
Dimensions	370mm x 440mm x 130mm
Weight	7.15 kg

Related Products

Rapidox 1100



Rapidox 3100



Rapidox 7100



rapidox

Find out more about
gas analysis at:

www.rapidox.co.uk

Please contact Cambridge Sensotec for further information

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Web : www.saenchotesei.com

Due to continuous product development,
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