

CALYPSO 2G.BR

N₂/Air Gas Generator LCMS for Bruker

Reference : CALYPSO.2G/1.BR (With compressor)



Description

The CALYPSO.2G/1.BR is a dual flow generator, which has been specifically designed to meet the nitrogen and dry air needs to supply the Bruker EVOQ triple quadrupole LCMS.

The generator is built with internal air compressors as standard, and is extremely quiet in operation.

Nitrogen is produced by using membrane technology to remove oxygen, carbon dioxide and water from compressed air. Purified air is produced using a membrane air dryer.

The generator is controlled using the latest in color touch screen technology to display the process in real time, inlet / outlet pressure, N₂/Air Flow and status of the system with remote access for diagnostic control.



UNIQUE AND INTELLIGENT OPERATOR INTERFACE WITH REMOTE ACCESS

Applications

EVOQ triple quadrupole LCMS

Benefits & Savings

INCREASED LABORATORY EFFICIENCY

A constant, uninterrupted gas supply of guaranteed purity eliminates interruptions of analyses to change cylinders and reduces the amount of instrument re-calibrations required.

IMPROVED ECONOMY

Clean dry air and nitrogen gas produced as standard.

IMPROVED SAFETY

Clean dry air and nitrogen gas produced at low pressure and ambient temperature removes the need for high pressure cylinders.

SECURITY OF SUPPLY

Integral oil free air compressor as an option guarantees continuous gas supply, independent of in house compressed air supply.

SIMPLE INSTALLATION

Gas generators can be installed in the laboratory, on or under a bench, eliminating the need for long gas lines from cylinders secured elsewhere.

Standard Features

- Intelligent color touch screen to provide simple and user friendly management of all functions of the unit
- Complete 'Plug and Play' system specifically designed for the Bruker EVOQ triple quadrupole LCMS
- Nitrogen/Air pressure up to 5.5 bar (80 psi)
- With integral oil free air compressor
- Quiet thanks to the Soundproofed compressor box and anti-vibration features
- Auto start
- Audible alarm display and Visual maintenance indication with history log
- Outlet flow indicator
- Energy Saving Technology (EST):
 - Switch off the compressor when gas supply is not required
 - Allowing low energy consumption and increasing durability of the compressor
- Remote PC monitoring and diagnostic analysis via USB to interface the unit with customer's PC software (allow to carry out checks and maintenance effectively, only via a remote connection)
- Compact design
- Fit with wheels

N₂
AIR

MODELS	CALYPSO.2G/1.BR
GENERALS INFORMATIONS	
Max Outlet Flow rate	32 L/min N2 50 L/min Air
Max Nitrogen/Air pressure	5.5 bar (80 psi)
Purity N2/Air	Nitrogen < 1% O2; Air Dew Point -20°C (-4°F)
Particles	< 1 μ
Touch screen	Touch screen (operating parameters, system status, alarms and maintenance)
Max Relative Humidity	80% RH @ 25°C (77°F)
Temperature range	From 5 - 25°C (41 - 77°F)
Max Altitude	3000 Meters
Noise level @ 1M	53 dB (A)
Dimensions (W x H x D)	47.5 x 100 x 79 cm (18.7" x 39" x 31")
Weight (kg/lbs)	155 / 202
Electrical supply	220 - 240 V ac / 1 ph / 50 - 60 Hz 110 - 120 V ac / 1 ph / 50 - 60 Hz
Power consumption	2550 VA
Fuse	16A
CONNECTIONS	
Nitrogen/Air outlet	2 x 1/4"G (BSP) Female
COMMUNICATION	
USB/PC Control	In series

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The products are guaranteed 24 months*. Beyond, your investment continues to be supported by our maintenance program **[Gold Service]**. Our world class technical assistance offers Programmed preventive maintenance to ensure optimal performance of your Gas generator F-DGSI and a priority intervention in case of failure.

*Year 2 of warranty subject to generator being serviced at end of the first year by a F-DGSI-approved agent in accordance with fixed annual maintenance schedule. For full terms and conditions, visit www.f-dgs.com

F-DGSI France
 365 Avenue de Rio - 77127 Lieusaint France
 Tel. : +33(0)1 64 98 21 00
 Fax. : +33(0)1 64 98 00 43

Email : info@f-dgs.com
 Web : www.f-dgs.com

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