Laboratory Gas Generators

iGen DGN2A Dual Gas Generator

Designed specifically for Shimadzu applications, the iGen DGN2A is a Dual-Gas system providing nitrogen and dry air for Shimadzu LCMS 8045, 8050, and 8060 instruments.

The iGen DGN2A is a self-contained system primarily for LC-MS applications, featuring integrated compressors able to deliver laboratory-grade nitrogen and clean dry air at pressures up to 100psi, and flow rates of 25LPM N2 & 25LPM dry air.



- **Simple plug-n-play installation**

- **Small enough to fit under the bench**

  At less than 27" high it saves lab space. (55cm x 76cm x 69cm)

- **Alarmed working status monitoring**

  Real time monitoring of instrument operational status, with built-in Pressure & Temperature alarms, plus routine maintenance reminders.

- **Stable & Reliable Operation**

  Multi-air compressor configuration automatically matches demand, prolonging equipment service life, and enhancing stability.

- **Advanced moisture monitoring & removal**

  The iGen DGN2A has an innovative, alarmed moisture monitoring sensor system in addition to a three-stage water removal system.

Specifications

Max Flow Rate	N2 - 25L/min; Air – 25L/min
Max Pressure	N2 – 100 psi /7 bar Air - 116 psi / 8 bar
Max Relative Humidity	80% Non-Condensing
Max Altitude	2000m
Particles	<0.01µm
Gas Outlets	1/4 BSP x 6mm
Phthalates	None
Suspended Liquids	None
Operating Temperature	2˚C - 35˚C / 31.6˚F - 41˚F
Electrical Requirements	220VAC ± 10% 50/60Hz 1Ø
Power Consumption	1.8Kw
Dimensions (WxDxH)	760mm x 552mm x 690mm 30" x 22" x 27"
Weight	115Kg/254lbs
Noise	≤62Db

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