Laboratory Gas Generators

iGen TGN2A TriGas Generator

Designed specifically for SCIEX applications, the iGen TGN2A is a TriGas system providing nitrogen and dry air to supply curtain, source, and exhaust gases. This generator is compatible with a wide range of SCIEX LCMS instruments up to and including the 5600 Triple TOF.

Designed mainly for LCMS applications, the iGen TGN2A is a self-contained system featuring integrated compressors able to deliver laboratory grade nitrogen at various pressures and flow rates as required by the manufacturers.



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 TGN2A has an innovative, alarmed moisture monitoring sensor system in addition to a three-stage water removal system.

Specifications	
Max Flow Rate	Curtain - 15L/min; Source – 25L/min; Exhaust – 22L/min
Max Pressure	Curtain – 60 psi; Source - 100 psi; Exhaust - 60psi
Max Relative Humidity	80% Non-Condensing
Max Altitude	2000m
Particles	<0.01µm
Gas Outlets	¼ BSP x 6mm x 3
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 / 3,420 BTU/Hr

ULTRAGEN SCIENTIFIC, INC.
11031 N MAIN ST JACKSONVILLE, FL 32218 800-738-1698 SALES@ULTRAGENSCIENTIFIC.COM WWW.ULTRAGENSCIENTIFIC.COM