

Reduce your carbon footprint with a gas generator

As a lab professional, you want your work to have as little negative impact on the environment as possible. While some waste and consumption are unavoidable, working with a PEAK gas generator in your lab can be the small change that makes the big difference for our planet.

PEAK gas generators reduce power consumption by up to 20%

Tested under two scenarios, Peak Scientific's Genius XE and Genius SQ nitrogen generators consumed less energy and produced 20% less kgCO₂e than equivalent competitor models.



Generator	Power rating (Watts)	1 day energy consumption (24h)	1 day energy consumption (12h)	1 week energy consumption (5 day week, 12h/day)	1 month energy consumption (5 day week, 12h/day)
Competitor generator 1	1251.9	11 kgCO ₂ e	5 kgCO ₂ e	25 kgCO ₂ e	100 kgCO ₂ e
Competitor generator 2	1190.91	10 kgCO ₂ e	5 kgCO ₂ e	25 kgCO ₂ e	100 kgCO ₂ e
Genius XE 35	1052.88	9 kgCO ₂ e	4 kgCO ₂ e	20 kgCO ₂ e	80 kgCO ₂ e
Genius SQ 24	920.2	8 kgCO ₂ e	4 kgCO ₂ e	20 kgCO ₂ e	80 kgCO ₂ e

Why go green?

Choosing a more **sustainable** and **environmentally friendly** lab equipment is a priority, not just for **cost savings**, but also for your organisation to promote 'green' conscious practices that **help safeguard our environment**. While some waste and consumption is unavoidable, working with a PEAK gas generator in your lab can be the small change that makes the big difference for our planet.



Why go green with PEAK

No repeated deliveries

PEAK generators only require a one-time delivery for installation, eliminating transportation for bulk gas deliveries from then on.

No wasted gas

Generate gas on-demand to meet instrument need without paying for additional costs of unused gas due to differential pressure.

Renewable resources

PEAK generators produce N₂ from atmospheric air and H₂ from deionized water, unlike cylinder gas which is extracted using energy-intensive processes.

Economical

Improve your overall gas cost savings without the additional expenses associated with gas cylinder delivery and rental.



Why a PEAK Gas Generator?



24-hour response

Rapid response on-site service within 72 hours globally, 48 or 24 hours available in certain regions.



Manufacturer approved parts

All components precision engineered to ensure optimal performance.



Certified engineers

Over 100 dedicated, fully certified PEAK Service Engineers located around the globe to keep your gas running.



95% first time fix

95% of issues resolved on first visit. No other generator brand gives you this peace of mind.



Global 24hr technical support

Regional technical support centres deliver efficient online support including Visual Support, protecting your workflow remotely.



Installation & set up service

Full installation service for customers who require it, with a dedicated PEAK FSE visiting you to assist with getting up and running with no stress.

Contact us today to discover more!

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Email: discover@peakscientific.com