

# 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 kgCO<sub>2</sub>e 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 <sub>2</sub> e	5 kgCO <sub>2</sub> e	25 kgCO <sub>2</sub> e	100 kgCO <sub>2</sub> e
Competitor generator 2	1190.91	10 kgCO <sub>2</sub> e	5 kgCO <sub>2</sub> e	25 kgCO <sub>2</sub> e	100 kgCO <sub>2</sub> e
Genius XE 35	1052.88	9 kgCO <sub>2</sub> e	4 kgCO <sub>2</sub> e	20 kgCO <sub>2</sub> e	80 kgCO <sub>2</sub> e
Genius SQ 24	920.2	8 kgCO <sub>2</sub> e	4 kgCO <sub>2</sub> e	20 kgCO <sub>2</sub> e	80 kgCO <sub>2</sub> 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 N<sub>2</sub> from atmospheric air and H<sub>2</sub> 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!**

**Web:** [www.peakscientific.com/green](http://www.peakscientific.com/green)

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Your local **gas generation** partner

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