

CONVIRON®

Genesis™

Reach-in
Plant Growth
Chambers



CONVIRON

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Space efficient, reach-in growth chambers ideal for a wide range of plants and research applications.



Applications	Short to tall plants, Arabidopsis, germination, incubation, tissue culture, seed storage, entomology, algae and phytoplankton										
Model	TEMP (°C)	1-TIER		2-TIER		3-TIER		4-TIER		5-TIER	
		Growth Height	Growth Area	Growth Height	Growth Area	Growth Height	Growth Area	Growth Height	Growth Area	Growth Height	Growth Area
GEN1000	4-45 Lights Off 7-50 Lights On	46 ½" (1180mm)	5.65ft² (0.525m²)	22" (560mm)	11.3ft² (1.05m²)	14.25" (360mm)	16.9ft² (1.57m²)	10" (255mm)	22.6ft² (2.1m²)	7.5" (190mm)	28.25ft² (2.62m²)
GEN1000 ECO	4-35 Lights Off 10-45 Lights On										
GEN1000 GE*	4-45 Lights Off 7-45 Lights On	n/a									9.0" (230mm)
GEN2000	4-45 Lights Off 7-50 Lights On	46 ½" (1180mm)	11.3² (1.05m²)	22" (560mm)	22.6ft² (2.10m²)	14.25" (360mm)	33.9ft² (3.15 m²)	10" (255mm)	45.2ft² (4.2 m²)	7.5" (190mm)	56.5ft² (5.24m²)

*Up to 15 tiers available.



Single Tier
Supports maximum growth height and delivers high light intensity for full canopy development of taller plants such as cereal crops.



Entomology
Optional phenolic coated refrigeration coils that provide corrosion protection from insect waste and extend the life of refrigeration components.



Multi-Tier
Optimized for cultivating model species such as Arabidopsis under moderate light for studies in plant genetics, physiology, and developmental biology.



Aquatic Research
Supports stable temperature ranges, low to moderate light conditions, and photoperiod control required for algae and phytoplankton growth in liquid media.



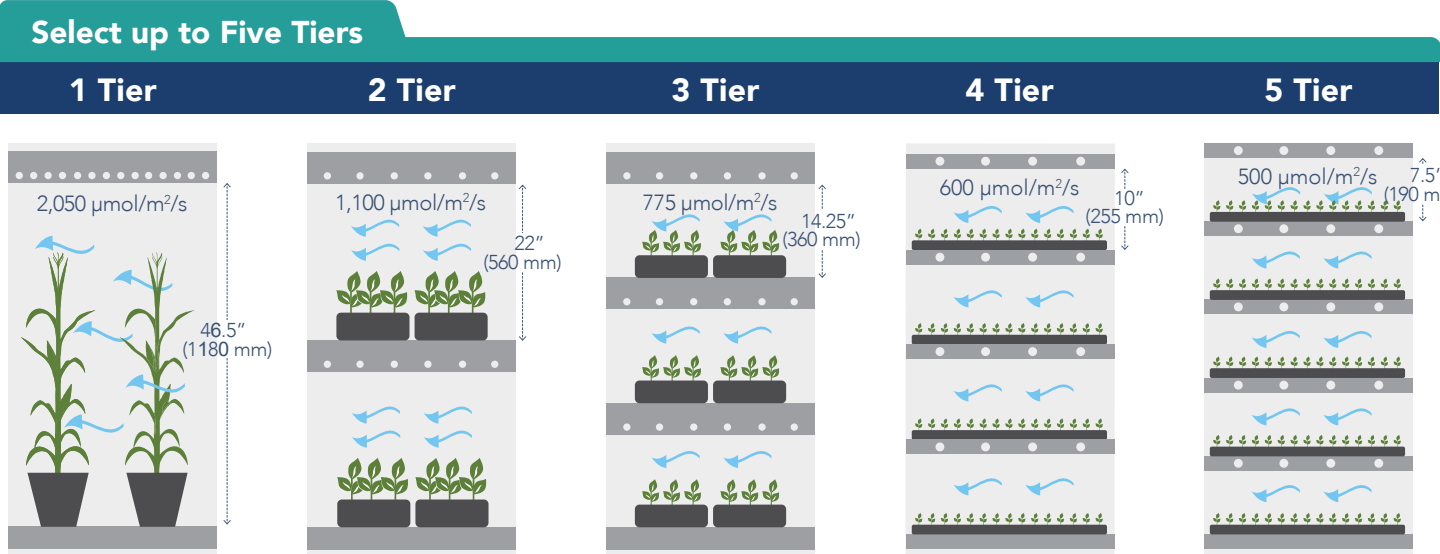
Tissue Culture
Provides low-light conditions and multi-tier shelving to maximize propagation capacity. Ideal for plant genetics, micropropagation, and in vitro development.



Germination
Assess seed vigor and viability by monitoring germination performance, physiological health and genetic quality of different seed lots.

Need a Chamber That Does It All?

Capable of reaching both temperature and light extremes the GEN1000, GEN1000 ECO and GEN2000 are our most versatile chambers ever. Able to adapt to your changing research requirements they are ideal for short to tall plants, tissue culture, seed storage, entomology, algae and phytoplankton research.

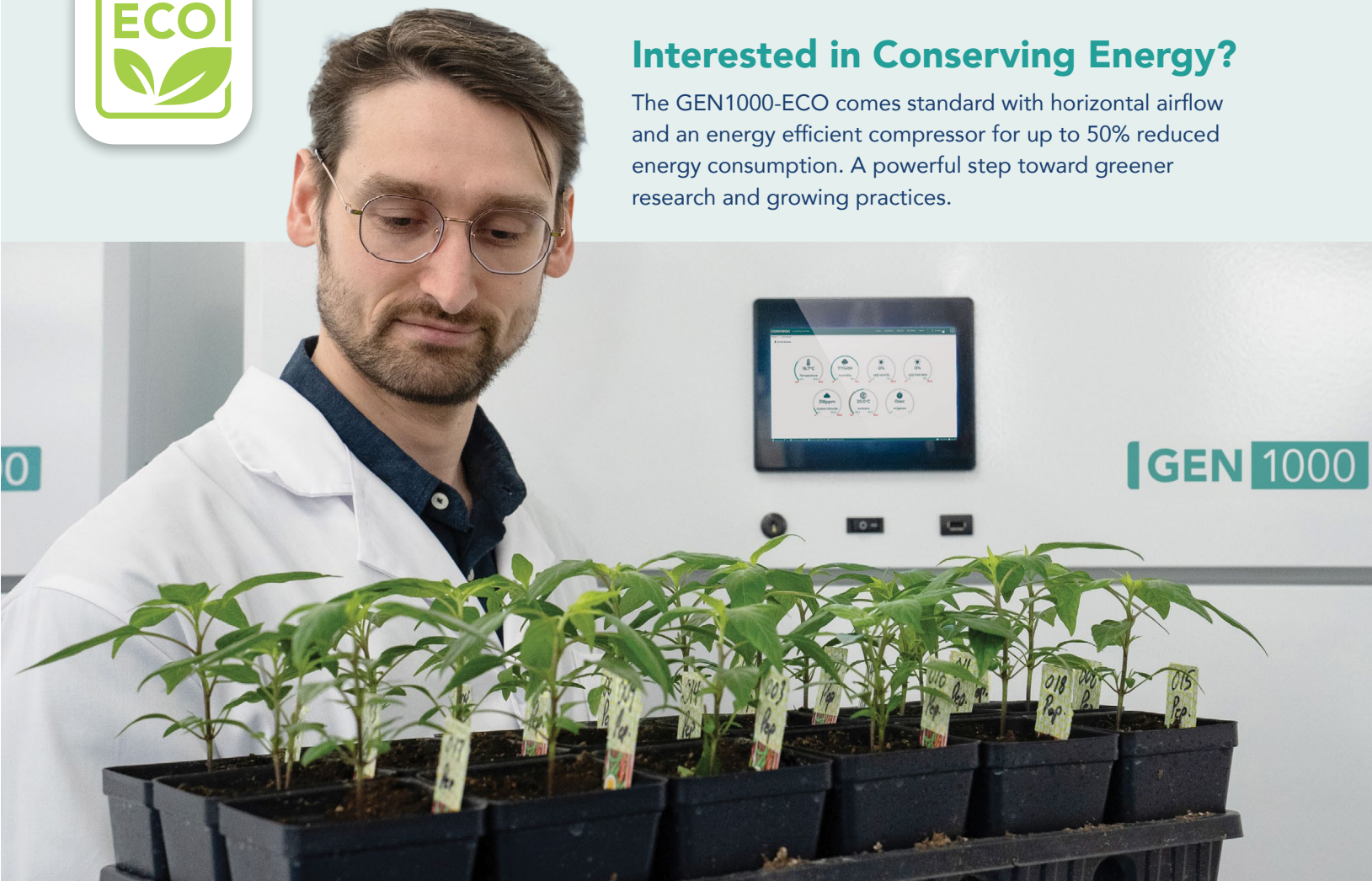


*GEN1000 pictured above. Specialized upward airflow kits also available for tall plant and tissue culture research.

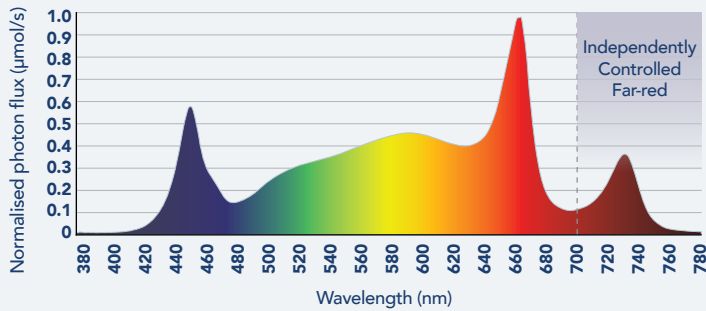


Interested in Conserving Energy?

The GEN1000-ECO comes standard with horizontal airflow and an energy efficient compressor for up to 50% reduced energy consumption. A powerful step toward greener research and growing practices.



LED Spectrum



Ultra High Light Intensity

Energy saving LEDs with far-red and light intensity as high as 2,050 µmol/m²/sec - approximating equatorial and summer maximums.

Advanced Controls at your Fingertips

All Convirion Genesis™ reach-ins are fully compatible with advanced control options such as ConvirionDirect or Argus Controls. Take control, convenience and productivity to the next level today.



Built for Discovery.

Plant scientists around the world have come to rely on Convirion's plant growth chambers and rooms to deliver repeatable experimentation conditions, accommodate a wide variety of research applications, and drive scientific discovery. Learn more about the latest research.



Learn more about **Convirion Genesis™** reach in chambers.

