

GEN 1000



Advanced performance. Energy efficient design.



CONVIRON®

A Zealquest
Group Company

Zealquest Asia

Do all that you want and more - while achieving up to 50% reduced energy consumption.

CAPACITY

- 781L (27.6 ft³) volume
- 0.58-2.1 m² (6.31-22.6 ft²) shelf space

TEMPERATURE

- +4°C to 35°C lights off
- +10°C to 35°C lights on
- Control of $\pm 0.5^\circ\text{C}$

LIGHTING

- Broad-spectrum, energy-efficient LEDs
- Open loop dimming
- 700 μmol : Tall plant (single tier)
- 550 μmol : Short plant (two & three tiers)
- 275 μmol : Incubation (up to four tiers)

HUMIDITY

- Additive humidity up to 90% RH

MOBILITY

- Heavy duty, front locking casters
- Adjustable leveling bolts

UTILITIES

- Drain hose
- Drip pan
- 50 Hz model, 16 Amp maximum rating
- 60 Hz model, 20 Amp maximum rating
- Heat rejection 1,200 watt (4,100 btu/hr)

CONTROL & MONITORING

- 7" high resolution, full color touchscreen
- Intuitive graphic interface
- Advanced programming, control and reporting

REFRIGERATION

- Top-mounted air-cooled condensing unit with hot gas bypass for continuous compressor operation and tight temperature control
- Space-saving design and easy access for maintenance

ACCESS

- Light tight door gasket seal
- Instrument port

UNIFORMITY

- Engineered airflow and perforated plenums for uniformity
- Horizontal airflow ideal for plantlets to tall plants



Plantlets to Tall Plants



Energy Efficient



Advanced Controls



LED Lighting



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