

GEN1000

REACH-IN

One Chamber. Four Applications.



EXTEND YOUR RESEARCH POSSIBILITIES WITH A VERSATILE, ADAPTABLE CHAMBER

CAPACITY

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

TEMPERATURE

- +4°C to 40°C lights off
- +10°C to 45°C lights on
- Control of ±0.5°C

LIGHTING

- Standard fluorescent lighting
- Optional energy-saving LEDs and higher intensity lighting
- Dimmable lighting

HUMIDITY

- Optional additive humidity up to 90%RH
- Optional dehumidification

MOBILITY

- Heavy duty, front locking casters
- Adjustable leveling bolts

UTILITIES

- Drain hose
- Optional drain pan and pump
- Standard 20 Amp service
- 50Hz and 60Hz models

CONTROL AND MONITORING

- 7", high resolution, full color touchscreen
- Intuitive graphic interface
- Advanced programming, control and reporting
- Optional integration with Argus Controls

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 with keyed lock
- Optional observation window
- Instrument port

UNIFORMITY

- Engineered airflow and perforated plenums for uniformity
- Upward or horizontal airflow to suit shelving and applications

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TALL PLANT (TA) KIT

Upward airflow, maximum growth height and light intensity for taller plants such as cereal crops, horticultural plants and silviculture.



SHORT PLANT (SH) KIT

Horizontal airflow over multiple shelves optimizes growth area for shorter plants, like *Arabidopsis*. Ideal for research in propagation, genetics, physiology and experiments requiring moderate light.



TISSUE CULTURE (TC) KIT

Low light and multiple tiers to maximize space and provide upward airflow that minimizes condensation in petri dishes and jars used in propagation and genetics experiments.



INCUBATION (IN) KIT

Low light and multiple tiers for nurturing young seedlings into shorter plants.