

Technical datasheet

Three-Chamber Plant Growth Cabinet

Three independently controlled 200 L chambers for plant cultivation, with 5-65 °C temperature control, standard humidity control and adjustable shelf lighting.



Key features

- Independent temperature, humidity and light control
- 4.3-inch touchscreen and 24-hour programming
- Separate compressor and test port for each chamber

Standard Configuration

Three independent 200 L chambers, 304 stainless steel interior, ultrasonic humidification, adjustable shelf lighting and UV light for each chamber, three lighting modules, independent compressors, programmable air circulation, fresh-air exchange, test ports, condensate recovery, alarm history, temperature/humidity data records, password levels and USB export. UV is not presented as a validated sterilization function.

Optional Accessories

CO2 control, low-oxygen control and alternative light sources are optional. Confirm the selected configuration in the quotation. Software compliance and validation services are not claimed.

Technical Information

Parameter	Value
Independent chambers	3 × 200 L
Temperature range	5-65 °C
Temperature resolution	0.1 °C
Temperature fluctuation	±0.5 °C
Temperature uniformity	±1.0 °C
Humidity range	50-95% RH
Humidity fluctuation	±3-7% RH
Illuminance range	0-65000 lux

Parameter	Value
Humidity resolution	0.1% RH
Input power (W)	6000 W
Shelf lighting modules	3
Chamber dimensions (mm)	700 × 600 × 500
External dimensions (mm)	1280 × 1050 × 2100
External dimensions (mm)	External width excludes drain outlet.

Selection / Ordering Information

Specify the model, sample or application, working temperature and required shelf arrangement. Confirm electrical supply and the final configuration before ordering.