

Seedburo Achieva Dry Germinator Single Chamber Models

Exceptional quality germinator is fully automated, creating an accurately controlled, dry test environment for covered samples. The design allows for simultaneous testing of different samples within each container. The advanced air circulation system assures the technician of even, constant temperatures enveloping each container with conditioned air using both a heat and refrigeration system with a continuous air flow throughout the unit. Perforated aluminum trays are flanged to keep contents from shifting and may be turned over to form a flat shelf.

The SDA8700 Dry Germinator is equipped with a touch screen controller, for heat and cool modes. Lights can be on or off in either mode. Digital display data logger stores both temperature and humidity readings at the desired time interval and duration. Data is easily downloaded to any Windows® based PC or laptop computer. Software and download cable included. Each unit is equipped with interior cool white bright LED light strips to provide for complete light/dark photo testing.

This model has a heavy-gauge stainless edge protector and handle. The door has spring-loaded door closer and magnetic gasket for positive seal. Heavy duty stainless steel air duct, fan motor and evaporator cover to prevent damage to vital parts. This is a fully-contained, hermetically-sealed refrigeration system with no additional plumbing needed. White, poly-coated steel interior is bright, durable and easy to clean. The unit has 4 casters, two are lockable. Exterior surfaces are textured steel. The 2½" of wall insulation make these units some of the most energy efficient in the industry. Quiet, bottom-mounted compressor, 1/3HP, provides plenty of capacity for all kinds of applications. Interior dimensions are 23¾" (D) x 27" (W) x 53" (H), 22 cu. ft., amp load 13.65 at 120V/1Ph.



SDA8700/B

Net wt: 395 lbs, Actual dims: 32" (L) x 34.6" (W) x 70" (H), Ship/Export wt: 590 lbs, Ship/Export dims: 40" (L) x 42" (W) 85" (H).

Instrumentation

- Lighted on/off switch
- Programmable computer touch screen controller with large full color display for easy programming and display of temperature, test and cycle(s), time remaining, program recall, editing, time of day, test duration, run/program or auto/manual modes (F°/C°), real time clock, data download function, heat/cool and light/dark light level(s)
- USB interface for data download and software updates

Temperature

- **Adjustable Range:** 0–55.6°C (32°–132°F). Precision 1-degree increments ± 0.6°C (1.8°F), uniformity ±7°F
- **Temperature Sensor Sensitivity:** +0.5°C (1°F) or better

Illumination

- **LED Strip Lumens:** 20–22
- **Color Temperature:** 5,000–5,500°K (daylight equivalent)

Interior Capacity

- 16.4 cu. ft.
- **Trays:** 6 Perforated aluminum trays are Included (18.0" x 26")
- **Chamber Capacity:** Holds 28 trays on 1.5" (3.81cm) spacing
- Additional shelves can be ordered to increase capacity



SDA8700/B Controller

Dry Single Chamber, 110V, 60Hz No. SDA8700/B
 Dry Single Chamber, 220V, 50Hz No. SDA8700/C
 Crating for Domestic Shipping or Exporting, Required.....No. SDA/EX
 Extra 18" x 26" Perforated Tray..... No. ATRAY