

Seedburo Stainless Single or Double Chamber Germinators

D7440 and S6920 are classic style Germinators and provide consistent reproducible environmental conditions. The touchscreen allows user to control almost any combination of temperature, light intensity, humidity and time options, with greater accuracy than typical electromechanically controlled units.

Construction

Heavy duty welded tubular stainless steel base, 18 gauge 304 stainless exterior and interior, high density foam insulates the entire cabinet, non-conductive materials separate the interior chamber from the exterior, and the doors are fully gasket sealed. Aluminum trays lift out for easy cleaning. Recessed reservoir drain is easily accessible and a screened base prevents rodent infestation. Units are completely mobile on large 5" heavy-duty casters.

Heat/Refrigeration Systems

Elements are totally enclosed for efficient heat transfer and operator safety. Uniform refrigeration is maintained through the use of a 1/3HP condensing unit. All refrigerant lines are copper and fully insulated. Temperature range: 0°C–55.6°C (32°–132°F), sensitivity ±0.5°C or better.

Air-Humidity Circulation

Unique forced air circulation design maintains an even, continuous, moist airflow throughout the cabinet. Perforated trays further enhance even humidity distribution to test samples.

Instrumentation

On/Off Main Power Switch (per side on dual unit), Programmable Touch Screen, with Large Full Color Display for Programming, Humidity, Temperature, Test and Cycle Time Remaining, Time of Day, Test Duration, Run/Program Auto/Manual Modes (F°/C°), Real Time Clock, Data Download Function, Test Cycles, Heat/Cool and Light/Dark, Relative Humidity, Light Level, USB Interface for Data Download and Software Updates.

Temperature

- Adjustable Range: 0°C–56°C (32°F–132°F). Precision 1-degree increments ±0.6°C (1.8°F), uniformity ±6°F
- Temperature Sensor Sensitivity: +0.5°C (1°F) or better
- Compressor 1/3HP Refrigerant R404

S6920: Net wt: 340 lbs, Actual dims (with casters): 28.4" (D) x 28.6" (W) x 64.6" (H), Ship wt (crated): 670 lbs, Ship dims: 33" x (L) 33" x (W) x 74" (H).

D7440: Net wt: 512 lbs, Actual dims (with casters): 28.4" (D) x 56.2" (W) x 64.6" (H), Ship wt (crated): 945 lbs, Ship dims: 37" (L) x 63" (W) x 80" (H).

S6920 Single Chamber Germinator

Single Chamber Germinator, 110V/60Hz.....	No. S6920/B
Single Chamber Germinator, 220V/60Hz.....	No. S6920/E
Single Chamber Germinator, 220V/50Hz.....	No. S6920/C
Required Domestic Shipping and Export Crating	No. S6/EX
Locking Doors.....	No. SLDOOR
Push Handles	No. SPHANDLE
Full Perimeter Bumpers.....	No. SFPBUMPER
Extra Tray	No. SXTRAY
Extra Tray Slides, Per Pair.....	No. STSLIDE



Illumination

- Light is an on/off function with two white LED strips (~700 lumens each) full length rear mounted to ensure full light coverage throughout interior
- Total 1400 Lumens
- 6500°K wavelength (daylight equivalent)
- Interior highly reflective stainless steel surfaces for greater light spread

Interior Capacity

9.95 cu. ft. **Model S6920**, 23.5" (D) x 22.5" (W) x 32.5" (H) (Chamber size)

19.9 cu. ft. **Model D7740**, 23.5" (D) x 22.5" (W) x 32.5" (H) (Per Chamber)

Trays

Model D77440 includes 20 Perforated Aluminum Trays (10 per chamber) on 3" spacing (7.62cm), can hold 40. Tray size measures 17" x 19".

Model S6920 includes 10 Perforated Aluminum Trays on 3" spacing (7.62cm), can hold 20. Tray size measures 17" x 19".

(Additional trays can be ordered to increase capacity)

D7440 Double Chamber Germinator

Double Chamber Germinator, 110V/60Hz.....	No. D7440/B
Double Chamber Germinator, 220V/60Hz.....	No. D7440/E
Double Chamber Germinator, 220V/50Hz.....	No. D7440/C
Crating for Domestic Shipping or Exporting, Required.....	No. D7/EX
Locking Doors.....	No. DLDOOR
Push Handles	No. DFHANDLE
Full Perimeter Bumpers.....	No. DFPBUMPER
Extra Tray	No. DXTRAY
Extra Tray Slides, Per Pair.....	No. DTSLIDE