



Model S6920



Model D7440

SEEDBURO ALL-STAINLESS STEEL GERMINATORS IN SINGLE OR DOUBLE CHAMBER MODELS

**QUALITY MATERIALS AND WORK-
MANSHIP COMBINED WITH AD-
VANCED ENGINEERING AND DESIGN
TO ASSURE YOU ACCURATE TEST
RESULTS EVERY TIME**

Seedburo Console Germinators Range from sophisticated to basic models. They are available in single-chamber units when less volume is required and double-chamber units with individually controlled and monitored chambers.

CONSTRUCTION

Heliarc welded tubular steel base forms the foundation for the 304 type nickel bearing stainless steel chamber and cabinet. To preserve the controlled interior testing environment and prevent exterior condensation, high-density foam insulates the entire cabinet. Non-conductive materials separate the interior chamber from the exterior, and the doors are fully gasketed.

Stainless steel trays lift out for easy cleaning. Recessed reservoir drain, with convenient drain hose, is easily accessible and a screened based prevents rodent infestation. Units are completely mobile on large 5" heavy-duty casters.

HEAT/REFRIGERATION SYSTEMS

Level, constant heat is continually maintained through a water media, by specially designed high purity magnesium oxide and helically wound nickel-chrome wire heating elements. Elements are totally enclosed for efficient heat transfer and operator safety. Uniform refrigeration is maintained through the use of a 1/4 HP (F-12) air-cooled, high torque, hermetically sealed condensing unit. High quality cooling system components include: efficient fan circulation evaporator coil with thermal expansion valve, moisture-liquid indicator, filter drier, heat exchanger, and pressure control valve. All refrigerant lines are copper and fully insulated. Double Chamber Models allow for cooling in only one chamber at a time.

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 testing samples. Self-contained stainless steel water reservoir in each chamber assures a relative humidity of 90%. Temperature variation between trays is $\pm 0.5^{\circ}\text{C}$, top to bottom.

- SINGLE SETPOINTS ON CONTROLS
- 1°C TEMPERATURE CONTROLLERS
- REMOVEABLE TRAY RACKS
- RECESSED RESERVOIR DRAIN
- INDEPENDENT MODE SELECTION
- TOTAL AIR CIRCULATION
- RODENT RESISTANT DESIGN

