

SEEDBURO MICROPROCESSOR GERMINATOR:

One of the Most Technically Advanced Germinators Available.

Seedburo's Deluxe Microprocessor-Controlled Germinator provides unmatched consistent reproducible environmental conditions automatically for uninterrupted operation. The "user-friendly" state-of-the-art "touch-screen" is easy to use and allows the control of almost any combination of temperature, light intensity, humidity parameters, water insertion and time options, with greater accuracy than typical electromechanically controlled units.

The advanced test chamber is large, accommodating high volume seed / test needs, as well as versatile, meeting many test requirements that may require a controlled single set point temperature, alternating temperature patterns, light, dark or alternating light periods. Accurate and reliable controls are easy to use, making this an excellent choice for running special tests, as well as built-in memory to allow repetitive test procedures to be easily stored and retrieved. With the use of the built-in printer, the recorder insures that immediate and accurate test data is recorded permanently for clear interpretation.

Applications of the MPG-3000 versatile testing chamber would typically include meeting specific requirements of temperatures, humidity and light level intensity, such as: pre-chiller, seed germination, seed tests and research, plant test and research, plant growth, propagation, accelerated aging, photo stability tests, zoology, botany, tetrazolium, biological research and tissue culture tests.

The "Flow-Thru" air distribution system is comprised of an independent heating system and separate cooling system. Humidity levels are introduced via a water atomizer and humidification spray. All components are self-contained. The test chamber air is conditioned and circulated throughout the chamber to assure minimal temperature variance between test trays. The MPG-3000 is standard with interior full-view see thru split doors, for periodic inspection of samples with minimal disruption to the temperature / humidity balance in the interior chamber. There are 6 vertically mounted "cool-white" fluorescent lighting tubes, three (3) mounted on front door, as well as three (3) located on back wall, allowing for several levels of light conditions throughout the entire 28.5 cu ft of interior.

Unit is constructed entirely of high-grade commercial type 304/18-8 stainless steel, including rigid tubular welded base frame, for greater durability, easy cleaning and to prevent rodent infestation. Test trays are perforated for greater airflow and are constructed of stainless steel, which inhibits rusting or mineral deposits build-up, making cleaning simple.

If your operation is looking for the ultimate answer to testing procedures made easy, the fully automatic MPG-3000 programming features allow the most dependable and versatile testing parameters to date. Net Wt. 580 lbs. Actual dims 52" W x 33¼" D x 81" H, Export boxed Wt. 1040 lbs. 61" W x 41" D x 89" H.



Model MPG 3000

INSTRUMENTATION

- LIGHTED ON/OFF SWITCH
- PROGRAMMABLE TOUCH SCREEN
- READOUT SHOWS: Relative Humidity, Temperature, Test and Cycle Time Remaining, Time of Day
- RECORDING PRINTER

INTERIOR CAPACITY

- 28.5 CU. FT.
- INTERIOR DIMENSIONS: 29½" L x 25½" W x 61" H
- CHAMBER: Can hold up to forty (40) trays on 1½" spacings.
- TRAYS: Ten (10) 22½" x 24¼" Perforated Stainless Steel Trays are included.

DIMENSIONS

- EXTERIOR DIMENSIONS: 52" L x 33¼" W x 81" H
- NET WEIGHT: 580 lbs.
- EXPORTED BOXED WEIGHT: 1040 lbs.

CONTROL PANEL

- TOUCH SCREEN CONTROLLER: Controls Temperature (F°/C°), Real Time Clock, Printer Function, Test Cycles, Heat/Cool and Light/Dark, Relative Humidity, Light Level, Test Duration
- SIMPLE ON/OFF SWITCH
- PRINTER

Microprocessor Germinator 115V, 60Hz	No. MPG 3000/B
Microprocessor Germinator 230V, 50Hz	No. MPG 3000/C
Extra Trays, 22½" x 25¼"	No. MP6
Extra Tray Slides, Per Pair	No. MP7
Domestic Boxing	No. MPG/DOM
Export Crating	No. MPG/EX