Diurnal Plant Chamber

SHEL LAB Diurnal growth chambers are designed for studies requiring day and nighttime simulation. This unit features dual-program selector dials, which allows control of two temperature conditions and an ON/OFF illumination cycle relative to the program selected. Each system operates independently allowing for simulation of a diurnal cycle, such as an eight hour day cycle of 30°C with light followed by a sixteen hour night cycle of 18°C without light. Forced air circulation ensures the most reproducible test conditions. The chamber air is gently and continuously circulated at a rate that ensures temperature uniformity of all test samples.

The unit is equipped with a hermetically-sealed compressor and an independent over temperature safety controller. In addition, a one amp interior outlet allows use of shakers, stirrers, roller bottles or other apparatus. This chamber is ideal for plant growth studies.

- LED Display of Set point and Chamber Temperature
- High and Low Limit Temperature Protection
- Day/Night Light and Temperature Control
- Fan Assisted/Forced-Air Circulation
- Hermetically Sealed Compressor
- Interior Electrical Outlet

Precise Temperature Control - Superior Uniformity

- Independant Over Temperature Thermostat
- Temperature Range 0°C to 45°C at 20°C Ambient
- Temperature Uniformity +/- 0.5°C at 20°C

2 Year Limited Warranty!

		Model Number
	110-120V	SRI21D
	220-230V	SRI21D-2
Exterior Dimensions (wxdxh)	Inches	34.5 x 34.5 x 77.5
	cm	87.7 x 87.7 x 196.9
Chamber Dimensions (wxdxh)	Inches	27.0 x 23.0 x 56.5
	cm	68.5 x 58.4 x 143.5
Incubator Chamber Capacity	cu ft	20.3
	L	574
Interior Outlet	Number	110V - 1 / 220V - 2
Number of Shelves	Included	4
Bottle Capacity	Number	317

*All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (115V/230V). Temperature specifications follow DIN 12880 methodology. We reserve the right to change specifications at any time. For a complete list of product specifications, call (800)322-4897 or visit the SHEL LAB website, www.shellab.com

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