

# SRI3

## Refrigerated Series Incubator



SHEL LAB Refrigerated Incubators (often called B.O.D. Incubators or Low Temperature Incubators) are commonly used for applications such as B.O.D. Determinations, Plant and Insect Studies, Fermentation Studies, and Bacterial Culturing. The SHEL LAB Low Temperature Incubators have a temperature range of 20°C degrees below ambient to 45°C.

Units are equipped with a hermetically-sealed compressor, a circuit breaker to protect from electrical overload, and an easy-to-clean, fully insulated chamber. Gentle, continuous forced-air circulation ensures temperature uniformity and reproducible test conditions.

The Refrigerated Incubators also include an independent over temperature safety controller, adjustable shelves in two inch increments and a one amp interior outlet to allow the use of shakers, stirrers, roller bottles or other apparatus. Large capacity units are perfect for high volume sample and drying applications, including production processes.

SRI3

Model Name [110/120V/220-240V]	SRI3/ SRI3-2
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Capacity	2.39 cu.ft. (67.6 liters)
Interior Dimensions (W x D x H)	16.0" x 14.0" x 22.5" 407 X 356 X 572 mm
Exterior Dimensions (W x D x H)	24.0" x 21.0" x 33.8" 610 x 534 x 858 mm
Shelves	2 standard, 2 max
Warranty	2 Year Limited Warranty

Temperature Specifications	
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Temperature Range	Ambient 0°C to 45°C
Recovery after Door Opening (30 sec.) - Minutes to 20°C	5
Temperature Uniformity - At 20°C	+/- 0.5°

## Precise Temperature Control - Superior Uniformity

- Independent Over Temperature Thermostat
- Door Ajar Alarm
- Temperature Range Ambient 0°C to 45°C



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## BOD Applications

Biochemical Oxygen Demand (B.O.D.) incubators enable end users to determine levels of organic matter and nitrogen in wastewater samples. This wastewater must be effectively measured for contaminants, treated and then released back into the environment without posing a threat to the water supply system. Increased enforcement by government regulatory agencies charged with monitoring air and water quality has forced a greater number of organizations to actively test and treat their wastewater. B.O.D. incubators facilitate the storage of wastewater samples, and the SHEL LAB Low Temperature Incubators accommodate from 62 to 345 BOD bottles.

## Low Temperature Incubator Applications

- APHA Method at 20°C
- Plant Cell Growth
- Fermentation Studies
- Bacterial Culturing
- Mycology Studies