

Incubators

Refrigerated LI Series



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.

BOD Application

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 540 BOD bottles.



Low Temperature Incubator Applications

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

Precise Temperature Control - Superior Uniformity

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

**2 Year
Limited
Warranty!**



Refrigerated Incubators	Model Number			
	110-120V 220-230V	LI5 LI5-2	LI20 LI20-2	LI27 LI27-2
	Details	Under Counter	Large Capacity	
Exterior Dimensions (wxdxh)	Inches	24.0 x 21.0 x 33.8	34.5 x 34.5 x 77.5	65.5 x 35.8 x 77.5
	cm	61.0 x 53.4 x 85.8	87.7 x 87.7 x 196.9	92.8 x 90.9 x 196.9
Chamber Dimensions (wxdxh)	Inches	16.0 x 12.0 x 21.5	27.0 x 23.0 x 56.5	30.0 x 26.5 x 54.0
	cm	40.6 x 30.4 x 54.6	68.5 x 58.4 x 143.5	76.2 x 67.3 x 137.1
Incubator Chamber Capacity	cu ft	2.4	20.3	27
	L	68	574	763
Interior Outlet	Number	110V -1 / 220V-2	110V-1 / 220V -2	110V-1 / 220V -2
Bottle Capacity	Number	62	345	540
Number of Shelves	Included	2	4	6

*Specifications are based on nominal values at an ambient temperature of 25°C and a line voltage of 120V or 240V respectively. The temperature data is determined in accordance with DIN 12880. We reserve the right to alter technical 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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www.shellab.com
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