

311D and 611D



High Performance Incubators

- Expanded temperature range
- Fail-safe over-temperature protection
- Switchable turbo fan
- Digital microprocessor

Specifications

	311D	611D
Chamber Volume	2.75 cu. ft.	6.0 cu. ft.
Temperature Range	Ambient +5°C to 95°C	Ambient +5°C to 95°C
Temperature Uniformity at 37°/56°/90°	±0.2°C/±0.5°C/±0.75°C	±0.25°C/±0.6°C/±0.9°C
Temperature Accuracy	±0.2°C	±0.2°C
Temperature Display	to 0.1°C	to 0.1°C
Dimensions (WxDxH)		
Chamber	17 x 14 x 20 in.	21 x 20 x 25 in.
Exterior	27 x 20 x 29 in.	31 x 26 x 34 in.
Weight	140 lbs.	185 lbs.
Electrical	120V~, 60 Hz	120V~, 60 Hz

The 311D and 611D High Performance Incubators feature a broad temperature range and microprocessor control, and they are ideal for applications requiring strict temperature control as well as general incubations.

Incubator temperature is set with a membrane keypad with values shown digitally on the large display. The feedback systems in the exclusive SmartChek™ system ensure precise regulation of temperature.

A jacket of warm air surrounds the chamber on all sides, including the door, to provide a stable, uniform environment. For quick recovery after the door is opened and added uniformity, the turbo fan may be turned on. Opening the solid outer door turns on the interior light and reveals the full size glass inner door. Samples can be visualized without disrupting the temperature environment.

The electronics in the 311D and 611D incubators are located away from the chamber, keeping them safe from heat related stress. An independent safety thermostat protects samples in the event of a primary controller failure. Each incubator features an interior outlet for powering small equipment such as a rotator (see pages 10-11). Two shelves are standard. Additional shelves are sold separately.

Catalog Number	Product Description	Quantity
ESI311D	Digital High Performance Incubator, 2.75 cu. ft., Model 311D	1 Incubator
ESI611D	Digital High Performance Incubator, 6.0 cu. ft., Model 611D	1 Incubator
ESI319	Shelf for Model 311D	1 Shelf
ESI619	Shelf for Model 611D	1 Shelf