

# Bio Performance

## BP240 Incubator



### Precise and Homogenous.

Accurate and durable laboratory incubators with natural or forced convection available with or without refrigeration. Froilabo's range of laboratory incubators provide flexible solutions suited to a variety of applications. Supporting capacities from 60 litres to 1,300 litres they are suitable for large and small laboratories.

#### PERFORMANCE (Ambient temp: 22°C)

Temperature range	+5°C to 100°C
Homogeneity at 37°C	<+/-0.5°C
Temporal stability	<+/-0.1°C

#### WARRANTY

Parts	2 years
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### Class II

Overtemperature Safety



### 8 mins

To rise from 18°C to 60°C

# Technical Specifications

## BP240 LABORATORY INCUBATOR

### GENERAL SPECIFICATIONS

Net Volume	230 L
Ext Dimension (W x D x H)	1230 x 626 x 679.5 mm / 48.4 x 24.7 x 26.8 in
Int Dimension (W x D x H)	980 x 500 x 456 mm / 38.6 x 19.7 x 18.0 in.
Ext Construction	Electrogalvanised steel with epoxy paint
Int Construction	Brushed stainless steel inner tank
Net Weight	79 kg / 174.2 lb
Standard Construction	1 fully closed door, easy hands-free closure / Safety glass inner doors for better insulation / 1 power cord (1.5m) / 4 levelling feet
Shelves (W x D)	480 x 430 mm : 2 anti-tilt stainless steel perforated shelf as standard (max/shelf: 35 kg distributed). Maximum numbers of shelves : 18 (max total weight : 90 kg)
Ambient Temperature	From +18°C to +32°C
Environment	Indoor use only, not designed for use in explosive atmospheres (ATEX)
Warranty	2 years

### HEATING SYSTEM

System	Heating convection ensured by fan (no risk of conduction or radiation)
Ventilation	Turbine ventilation ensuring temperature homogeneity
Air renewal	Adjustable on the front, rear exhaust

### ELECTRIC AND ELECTRONIC DATA

Controller type	Electronic PID self regulating and self-adaptive programmable controller
Temperature probe	1 x Pt100 3 wires probe
List of alarms	High temperature / Overtemperature safety class II according to the European standard EN 61010-2-010 (DIN 3.1 equivalent)
Type of alarm	Visual
Energy consumption	1500 W
Types of power supply	Voltage 230V ~ +/-10%, 50 Hz, Voltage 110V ~ +/-10%, 50/60Hz (on demand), Voltage 220V ~ +/-10%, 60Hz (on demand)

### PERFORMANCES (AMBIENT TEMPERATURE +22°C)

Temperature range	Amb + 5°C to 100°C, 1/10th degree display (set and actual temperature)
Temporal stability	+/-0.1°C
Homogeneity at 37°C	+/-0.5°C

### OPTIONS & CONFORMITIES

Options	<ul style="list-style-type: none"><li>• Base with or without 4 casters</li><li>• Key door lock</li><li>• Chart recorder</li><li>• Characterization 9 points according to EN60068-3-11</li><li>• Stainless Steel Perforated shelf</li><li>• Lowenstein trays</li><li>• Additional cable entry port</li></ul>
Supplied with	2 Shelves, 1 power cord & User manual
Certification / Conformities	Equipment meets the specifications and CE compliant to EN60068-3-11 • 2014/35/UE – Low voltage directive • 2014/30/UE – EMC directive, Class A device • 2014/68/UE – Under pressure devices
Shipping weight	96 kg / 211.7
Shipping dimensions (W x D x H)	1400 x 670 x 750 mm / 55.1 x 26.4 x 29.5 in