

Bio Static Performance

BSP120 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 | +7°C to 65°C |
| Homogeneity at 37°C | <+/-1°C |
| Temporal stability | <+/-0.2°C |

WARRANTY

| | |
|-------|---------|
| Parts | 2 years |
|-------|---------|



Class II

Overtemperature Safety



8 mins

To rise from 18°C to 60°C

Technical Specifications

BSP120 LABORATORY INCUBATOR

GENERAL SPECIFICATIONS

| | |
|---------------------------|---|
| Net Volume | 124 L |
| Ext Dimension (W x D x H) | 626 x 679.5 x 750 mm |
| Int Dimension (W x D x H) | 500 x 494 x 500 mm |
| Ext Construction | Electrogalvanised steel with epoxy paint |
| Int Construction | Brushed stainless steel inner tank |
| Net Weight | 53 kg |
| 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 wireshelves as standard (max/shelf: 20 kg distributed). Maximum numbers of shelves : 10 (max total weight : 70 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 | Preheated chamber (prevent desiccation) |
| Ventilation | Natural convection |
| Air renewal | 20 cm free at the back |

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 | 500 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 +7°C to 65°C, 1/10th degree display (set and actual temperature) |
| Temporal stability | +/- 0.2°C |
| Homogeneity at 37°C | +/- 1°C |

OPTIONS & CONFORMITIES

| | |
|---------------------------------|---|
| Options | <ul style="list-style-type: none">• Base with or without 4 casters• Key door lock• Chart recorder• Characterization 9 points according to EN60068-3-11• Stainless Steel Perforated shelf• Lowenstein trays• Additional cable entry port |
| 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 | 69 kg |
| Shipping dimensions (W x D x H) | 750 x 670 x 920 mm |