

Labnet Mini Incubator

Instruction Manual

Catalog Numbers:

I5110A

I5110A-230V



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1.0 Introduction

The Labnet Mini Incubator is a compact general purpose convection incubator capable of uniformly heating samples up to a maximum of 70°C. The unit comes with a movable shelf and has a door window area so samples can be observed without opening the door causing heat loss.

2.0 Symbols and Conventions



The electrical warning symbol indicates the presence of a potential hazard which could result in electrical shock.



This symbol indicates a potential risk and alerts you to proceed with caution.



Indicates to take care to avoid coming into contact with a hot surface. Be careful if the unit has been used to heat samples because the internal components can be extremely hot and can cause burns to uncovered skin. Always check the handle temperature before changing the platform.

3.0 Safety Information

To ensure safe operation of the unit, please follow the guidelines below, and read this manual in its entirety.



To avoid electrical shock, do not use the incubator near water sources. Be sure that water doesn't get on the device, especially during the cleaning procedures.



To avoid damage to the instrument, do not expose the incubator to aggressive vapors (e.g., organic solvents).

4.0 Specifications

Electrical requirements	
115V model	115V $\pm$ 10%, 50/60Hz, 0.6A
230V model	230V $\pm$ 10%, 50/60Hz, 0.5A
Fuse	F250V~1A, 5 x 20 mm
Temperature range	Ambient +5°C to 70°C
Controls	Analog, hydraulic
Exterior dimensions (W x L x H)	11.2 x 11 x 13.2 in. (28.5 x 28 x 33.5 cm)
Chamber dimensions (W x D x H)	19 x 7.9 x 7.9 in. (23 x 20 x 20 cm)
Weight	18.4 lbs. (8.3 kg)
Included accessories	Shelf (1)
Working environment temperature	10°C to 30°C
Storage environment temperature	-20°C to 50°C
Environmental conditions	$\leq$ 70% RH, 70 to 106 kPa

The Labnet Mini Incubator is designed to be safe at least when operated under the following conditions:

- ▶ Indoor use
- ▶ Pollution Degree 2

Inspect the unit and accessories thoroughly upon receipt. If any item is damaged, contact the carrier immediately. The carrier is responsible for shipping damage. Also verify that all accessories are included and that the unit is in working order before discarding any shipping packaging.

NOTE: Your satisfaction and safety require a complete understanding of this unit. Read the instructions thoroughly, and be sure all operators are given adequate training before attempting to put the unit in use. This equipment must be used only for its intended application; any alterations or modifications will void your warranty and may cause injury.

5.0 Packaging

Product	Quantity
Labnet Mini Incubator	1
Shelf (Cat. No. I5110-SHELF)	1
Instruction Manual	1

6.0 Unpacking

Before starting the installation, carefully examine the incubator.

- ▶ Open the box and carefully remove the padding. Check that the incubator has not been visibly damaged during transportation. Keep the packing material until you are sure that the incubator works properly.
- ▶ Carefully lift the device out of the box.
- ▶ Be sure that the following information is included on the serial label located on the back of the unit: serial number, product number, electrical rating.
- ▶ Check that the power cord plug has a pin configuration that matches a wall socket according to the local standard.

Should any kind of damage have occurred during transportation, contact the carrier immediately. The carrier is responsible for shipping damage.

7.0 Installation

Place the incubator on a horizontal, level, and stable surface. Connect the plug end of the cord to a grounded wall socket. Avoid lines on which powerful electric motors, refrigerators and similar devices are connected. Use the Power switch to control power to the incubator.



Use caution when plugging into a grounded wall socket. Do not touch the plug with wet hands.
Do not unplug by pulling on the cord.

8.0 Getting Started



Install the shelf at the desired height, shelf edges down.

NOTE: When installing your shelf, remember to leave clearance for the thermometer bulb which will come down from the roof of the chamber.

Gently insert the thermometer (supplied separately) into the hole in the top of the incubator. **NOTE:** Inserting or removing the thermometer too quickly can dislodge the rubber grommet used to hold the thermometer. For maximum accuracy, insert the thermometer to a point where the thermometer immersion line is just inside the incubator chamber.

9.0 Operation

Push the Power switch to the ON position. The switch should illuminate.

Set the temperature controller to 10. When the thermometer reaches the desired operating temperature, turn the control down until the heating light turns off. Wait for the temperature to stabilize. Make small adjustments up and down as required until the desired operating temperature is obtained. Allow the unit to stabilize between each adjustment. Temperature stability is obtained when the HEATING lamp is going on and off automatically and the temperature remains constant.

Optional: The oven has a port in the back of the unit for passing a power cord out of the rear of the unit. This is for powering a small piece of equipment (shaker, etc.) in the incubation chamber. To pass a cord through, rotate the inner and outer doors up to reveal the pass through. Then, slide the end of the power cord through the port. Then, close both doors, resting the cord in the notch.

10.0 Troubleshooting

Should you have a question about the Labnet Mini Incubator or require service for the unit, contact Corning Customer service at 800.492.1110 or 978.442.2200. Do not send a unit for service without first calling to obtain a repair authorization (RA) number. The unit should be properly packed to avoid damage. Any damage resulting from improper packaging shall be the responsibility of the user.

Problem	Cause	Solution
Oven does not heat	Power connection	Check power connection.
	Fuse	Check fuse.
	Temperature is set too low	Adjust temperature control knob higher.

11.0 Cleaning and Maintenance

No routine maintenance is required.

The outside housing can be cleaned with a soft, damp cloth when needed. Do not use any aggressive or abrasive cleaners (acetone, nitro, polish, etc.) This may permanently damage the finish.



Before cleaning the incubator, always unplug the power cord from the wall socket.

12.0 Limited Warranty

Corning Incorporated (Corning) warrants that this product will be free from defects in material and workmanship for a period of one (1) year from date of purchase. CORNING DISCLAIMS ALL OTHER WARRANTIES WHETHER EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. Corning's sole obligation shall be to repair or replace, at its option, any product or part thereof that proves defective in material or workmanship within the warranty period, provided the purchaser notifies Corning of any such defect. Corning is not liable for any incidental or consequential damages, commercial loss or any other damages from the use of this product.

This warranty is valid only if the product is used for its intended purpose and within the guidelines specified in the supplied instruction manual. This warranty does not cover damage caused by accident, neglect, misuse, improper service, natural forces or other causes not arising from defects in original material or workmanship. This warranty does not cover motor brushes, fuses, light bulbs, batteries or damage to paint or finish. Claims for transit damage should be filed with the transportation carrier.

In the event this product fails within the specified period of time because of a defect in material or workmanship, contact Corning Customer Service at: USA/Canada 1.800.492.1110, outside the U.S. +1.978.442.2200, visit www.corning.com/lifesciences, or contact your local support office.

Corning's Customer Service team will help arrange local service where available or coordinate a return authorization number and shipping instructions. Products received without proper authorization will be returned. All items returned for service should be sent postage prepaid in the original packaging or other suitable carton, padded to avoid damage. Corning will not be responsible for damage incurred by improper packaging. Corning may elect for onsite service for larger equipment.

Some states do not allow limitation on the length of implied warranties or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights. You may have other rights which vary from state to state.

No individual may accept for, or on behalf of Corning, any other obligation of liability, or extend the period of this warranty.

For your reference, make a note of the serial and model number, date of purchase, and supplier here.

Serial No. _____ Date Purchased _____

Model No. _____ Supplier _____

13.0 Equipment Disposal



According to Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE), this product is marked with the crossed-out wheeled bin and must not be disposed of with domestic waste.

Consequently, the buyer shall follow the instructions for reuse and recycling of waste electronic and electrical equipment (WEEE) provided with the products and available at www.corning.com/weee.

To request certificates, please contact us at www.labnetlink.com.

Warranty/Disclaimer: Unless otherwise specified, all products are for research use or general laboratory use only.* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications. *For a listing of US medical devices, regulatory classifications or specific information on claims, visit www.corning.com/resources.

Corning's products are not specifically designed and tested for diagnostic testing. Many Corning products, though not specific for diagnostic testing, can be used in the workflow and preparation of the test at the customers discretion. Customers may use these products to support their claims. We cannot make any claims or statements that our products are approved for diagnostic testing either directly or indirectly. The customer is responsible for any testing, validation, and/or regulatory submissions that may be required to support the safety and efficacy of their intended application.

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