

SECRETSBOX Big Cooler-Greenish Blue

SECRETSBOX Insulin Pens Cooler Travel Case User Manual

Model: Big Cooler-Greenish Blue

1. PRODUCT OVERVIEW

The SECRETSBOX Insulin Pens Cooler Travel Case is designed to maintain the required temperature for insulin pens and other temperature-sensitive medications during travel. It features a durable 304 stainless steel body and offers versatile cooling options.

Key Features:

- **Large Capacity:** Holds 1-8 insulin pens with a 8.9" length and 3.3" outside diameter.
- **Food-Grade Material:** Constructed with a food-grade 304 stainless steel body for effective heat blocking.
- **Adjustable Bio-gel Cooling:** Utilizes professional bio-gels that release cold slowly and evenly, preventing medication freezing. Capacity varies based on bio-gel quantity (e.g., 8-9 pens with 1 biogel, 6-7 pens with 2 biogels, 4 pens with 3 biogels).
- **Dual Cooling Methods:** Can be used with bio-gels for extended cooling or with ice/cold water in the emergency bucket for temporary cooling.
- **Travel-Friendly:** TSA approved and designed for easy portability, fitting most cup holders.

2. PACKAGE CONTENTS

Upon opening your SECRETSBOX Insulin Pens Cooler Travel Case, please verify that all the following items are included:

- 1 x Stainless Steel Cooler Bottle
- 4 x Bio-gels
- 2 x Medicine Bags
- 1 x Ice Bucket (internal component for emergency cooling)
- 1 x Medicine Luggage Tag

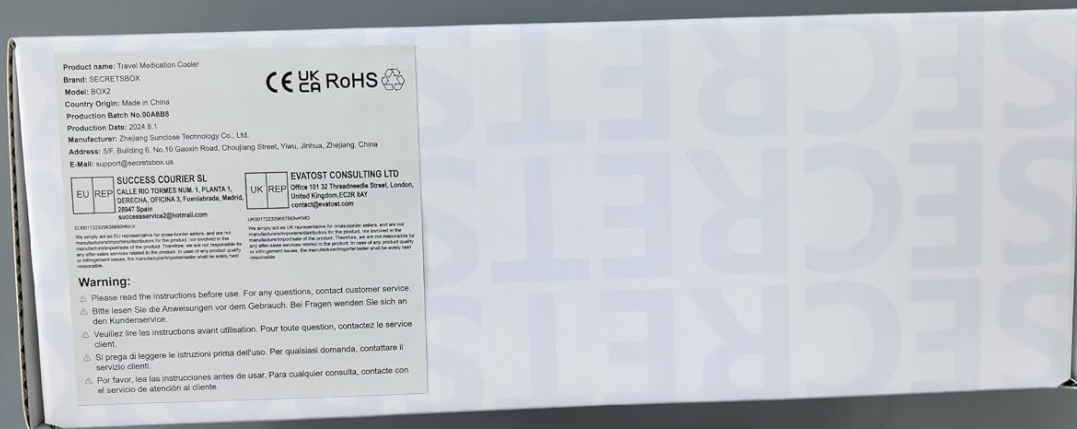


Figure 2.1: Package Contents

This image displays all components included in the SECRETSBOX Insulin Cooler package, laid out clearly for identification.

3. SETUP AND PREPARATION

3.1 Preparing Bio-gels for Cooling

1. Place the bio-gels in a freezer for 6-8 hours until completely frozen. Ensure they are laid flat for even freezing.
2. Once frozen, carefully insert your insulin pens or other medications into the provided medicine bags. This step is crucial to prevent direct contact between the medication and the frozen bio-gels, which could lead to freezing damage.
3. Place the frozen bio-gels into the cooler bottle.
4. Carefully insert the medicine bags containing your medication into the cooler bottle, ensuring they fit securely alongside the bio-gels.
5. Securely close the cooler bottle lid.

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Video 3.1: Bio-gel Setup and Usage Demonstration

This video demonstrates the process of freezing bio-gels, inserting them into the cooler, and placing medication inside the cooler for optimal temperature maintenance.

3.2 Emergency Cooling with Ice

In situations where bio-gels are not available or frozen, the cooler can be used with ice for temporary cooling:

1. Remove the internal ice bucket component from the cooler.

2. Fill the ice bucket with ice cubes or cold water.
3. Place your medication into the separate medicine storage tube (if using the ice bucket, ensure medication is protected from direct ice contact).
4. Insert the filled ice bucket and the medicine storage tube back into the cooler bottle.
5. Securely close the cooler bottle lid.

This method can sustain cooling for 6-8 hours, maintaining temperatures between 2-8 °C (36-46 °F).



Figure 3.1: Emergency Cooling Method

This diagram illustrates how to use ice cubes for temporary cooling within the cooler, highlighting the separate compartments for ice and medication.

4. OPERATING THE COOLER

4.1 Cooling Performance with Bio-gels

The duration of cooling depends on the number of bio-gels used and the external ambient temperature. Refer to the table below for estimated cooling times:



Figure 4.1: Bio-gel Cooling Performance Chart

This chart provides detailed information on how long the cooler can maintain optimal temperatures (36-46°F or 2-8°C) using different numbers of bio-gels across various external temperatures.

Estimated Cooling Times (2-8°C / 36-46°F)

Outside Temperature	1 Bio-gel	2 Bio-gels	3 Bio-gels
40°C (104°F)	6 hours	14 hours	22 hours
35°C (95°F)	8 hours	16 hours	24 hours
30°C (86°F)	14 hours	18 hours	26 hours

Note: The exact cooling time may vary based on specific environmental conditions and frequency of opening the cooler.

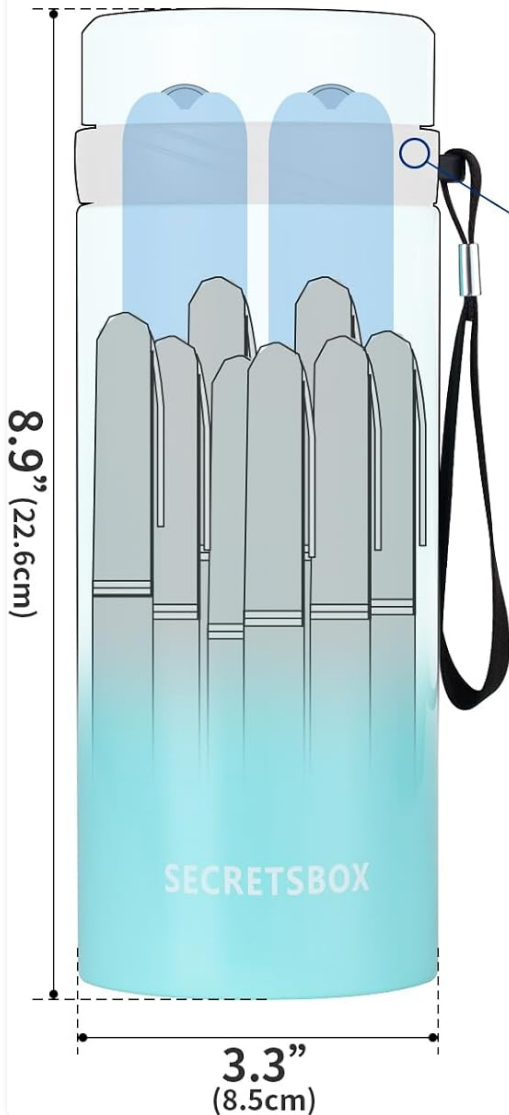
4.2 Medication Storage Capacity

The cooler's capacity for insulin pens or vials can be adjusted based on the number of bio-gels used:

- With 1 bio-gel: Can hold 8-9 insulin pens.
- With 2 bio-gels: Can hold 6-7 insulin pens.
- With 3 bio-gels: Can hold 4 insulin pens.
- One extra bio-gel is provided for backup.

Quantity of Vials

it can hold



Vials



X8
Novolog



X42
Humulin



Storage Space
1.53in (3.9cm)

Storage Space
1.7in (4.3cm)



Storage Space
1.65in (4.2cm)



Figure 4.2: Quantity of Vials/Pens Held

This image provides a visual guide to the storage capacity for various types of insulin pens and vials when using different numbers of bio-gels.

5. MAINTENANCE

5.1 Cleaning Instructions

- Wipe the exterior of the cooler bottle with a soft, damp cloth.
- For the interior, use a mild soap solution and rinse thoroughly. Ensure the interior is completely dry before reassembling or storing.
- The bio-gels and medicine bags can be wiped clean with a damp cloth. Do not submerge bio-gels in water.
- Do not use abrasive cleaners or harsh chemicals, as these may damage the cooler's finish or internal components.

5.2 Storage

When not in use, store the cooler and its components in a clean, dry place away from direct sunlight and extreme temperatures. Ensure bio-gels are completely dry before storing them in the freezer or at room temperature.

6. TROUBLESHOOTING

6.1 Medication Not Staying Cold Enough

- **Check Bio-gel Freezing Time:** Ensure bio-gels have been frozen for the recommended 6-8 hours. Insufficient freezing time will reduce cooling duration.
- **Verify Proper Sealing:** Make sure the cooler lid is securely closed to maintain insulation.
- **Consider Ambient Temperature:** In very hot environments, cooling duration may be shorter than estimated. Use more bio-gels if possible, or utilize the emergency ice cooling method.
- **Limit Opening:** Frequent opening of the cooler will reduce its ability to maintain temperature.

6.2 Medication Freezing Prevention

- Always place medication inside the provided medicine bags before inserting them into the cooler. This acts as an insulating layer, preventing direct contact with the frozen bio-gels and avoiding excessively low temperatures that could damage sensitive medications.
- The professional bio-gels are designed to release cold slowly and evenly to minimize the risk of freezing.

7. SPECIFICATIONS

Feature	Detail
Model Number	Big Cooler-Greenish Blue
Product Dimensions	3.5 x 6.8 x 9.45 inches (8.9 x 17.3 x 24 cm)
Product Weight	2.43 Pounds (1.1 kg)
Capacity	900 ML / 30 oz (holds 1-8 insulin pens)
Material	Food-grade 304 Stainless Steel
Cooling Method	Bio-gels or Ice (emergency)
Manufacturer	SECRETSBOX



Figure 7.1: Product Dimensions and Internal Structure

This image details the dimensions of the cooler and illustrates its internal layers, including the wear-resistant surface, 304 stainless steel outer wall, double vacuum compression layer, and 304 stainless steel inner liner.

8. SAFETY INFORMATION

- The cooling gel inside the bio-gels is completely sealed. Do not attempt to open or consume the gel.
- This cooler is specifically designed for medicine refrigeration. Do not use it to refrigerate other items, especially liquids containing carbonation or corrosiveness.
- Always use the provided medicine bags to isolate medication from direct contact with bio-gels or ice to prevent freezing damage.
- Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition.

9. WARRANTY AND SUPPORT

SECRETSBOX provides a **1-year warranty** for this product from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

For warranty claims, technical support, or any inquiries regarding your SECRETSBOX Insulin Pens Cooler Travel Case, please contact the manufacturer directly. Refer to the product packaging or the official SECRETSBOX website for the most current contact information.

Manufacturer: SECRETSBOX

ASK A QUESTION ABOUT THIS MANUAL

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question