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› CareSens N Plus Bluetooth Blood Glucose Monitor Kit User Manual

## CareSens N Plus

# CareSens N Plus Bluetooth Blood Glucose Monitor Kit

User Instruction Manual

## 1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your CareSens N Plus Bluetooth Blood Glucose Monitor Kit. Please read it thoroughly before using the device to ensure accurate results and safe operation. This kit is designed for personal use in monitoring blood glucose levels.



Image 1.1: Complete CareSens N Plus Bluetooth Blood Glucose Monitor Kit, including the meter, test strips, lancets, lancing device, control solution, and travel case.

The CareSens N Plus BT system is an ISO15197 certified Blood Glucose Monitoring System, ensuring reliable performance.

## 2. SAFETY INFORMATION

Always follow safety precautions to prevent injury and ensure accurate results.

- This device is for *in vitro* diagnostic use only. Do not use it for the diagnosis of diabetes.
- Keep the device and all components out of reach of children.
- Do not use expired test strips or control solution. Check the expiration date on the vial.
- Dispose of used lancets and test strips properly in a sharps container to prevent accidental needle sticks.
- If the product packaging's void sticker is broken upon receipt, do not use the product. Contact customer service immediately for a replacement.

**CareSens N Plus BT**

PLEASE READ CAREFULLY AND FOLLOW BELOW INSTRUCTIONS BEFORE PROCEEDING

1. Tap "Search" bar
2. Tap glucose meter name (EX. CareSens N Plus ###)
3. Select Pair on your mobile
4. Click ● on the right side of the meter to select YES. Meter will show SYNC and turn off.

**Troubleshooting**  
If pairing fails, please delete your meter from your phone Bluetooth paired device list and re-do pairing steps.

**Search**

Summary Add Reports More

**103 mg/dL**  
09:24 12:37 PM  
CareSens N Plus

**Ensure to check if SmartLog is updated**

**“More” --> “App Info”**

Current [X]  
Latest [X]

This is the latest version.

Image 2.1: Important notice regarding checking the battery cover and test strip vials if the void sticker is broken.

### 3. SETUP

#### 3.1 Meter Overview

The CareSens N Plus BT meter features a large LCD display for clear readings and built-in Bluetooth functionality for data transfer.

## LARGE DISPLAY



Your test result will appear clearly on the easy to read **LCD display.**



## BLUETOOTH

Bluetooth functionality available to connect with **SmartLog Mobile Application.**

Image 3.1: The CareSens N Plus meter highlighting its large 3.2-inch LCD display and Bluetooth connectivity.

### 3.2 Preparing for a Test

1. **Gather Supplies:** Ensure you have your CareSens N Plus BT meter, a CareSens N test strip, a lancing device, and a new lancet.
2. **Wash Hands:** Wash your hands thoroughly with soap and warm water. Dry them completely.
3. **Prepare Lancing Device:** Insert a new lancet into the lancing device and set the penetration depth.
4. **Insert Test Strip:** Insert a new CareSens N test strip into the meter's test strip port. The meter will turn on automatically.



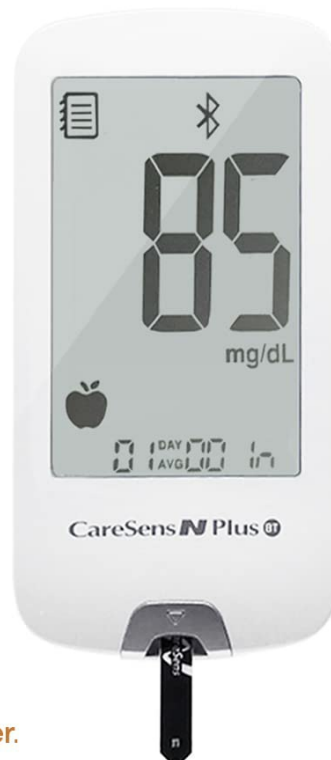
TAGGING SYMBOL

**Pre-meal** and **post-meal** symbol to flag testing done before/after eating.



SMALL SAMPLE SIZE

Blood glucose testing with a **TINY** sample size of **0.5 micro-liter**.



FAST RESULTS



Rapid results within just **5 seconds**.

\* NO CODING TECHNOLOGY

Image 3.2: The meter displaying features like tagging symbols for pre-meal/post-meal, rapid 5-second results, and requiring a small 0.5 microliter blood sample.

### 3.3 Bluetooth Pairing with SmartLog Mobile App

The CareSens N Plus BT meter can connect to the SmartLog Mobile App for convenient data management.

1. Launch the SmartLog mobile app on your smartphone and find the **Accessories** menu.
2. Select the **CareSens N Plus BT** model from the meters list, and then tap **Bluetooth Register > Next**.
3. With the meter turned off, press and hold the **▼** button for three seconds to enter pairing mode.
4. A 'bt' symbol will appear with 'YES' blinking at the bottom of the screen. Press the **▶** button to select 'YES'. Type 2 will appear with the Bluetooth symbol blinking on top.
5. Follow the on-screen instructions on the SmartLog app to search your meter, and complete the pairing process.
6. When the pairing process is complete, the meter will display 'End' and it will be automatically turned off after three seconds.



Please check:

1. Battery cover/ package not broken.
2. Two vials of strips are there.



If above are TRUE, the seal may have been damaged during delivery. If none of the above are true, please contact seller via Amazon messaging OR through contact information on the packaging.

Image 3.3: Step-by-step guide for connecting the CareSens N Plus Bluetooth meter to the SmartLog Mobile App.

## 4. OPERATING THE DEVICE

### 4.1 Performing a Blood Glucose Test

1. After inserting the test strip, wait for the blood drop symbol to appear on the meter display.
2. Use the lancing device to obtain a blood sample from your fingertip.
3. Touch the tip of the test strip to the blood sample. The blood will be drawn into the strip automatically.
4. The meter will count down, and your blood glucose result will appear on the display in 5 seconds.
5. Remove the used test strip from the meter and dispose of it properly.

### 4.2 Tagging Results

The meter allows you to tag results as pre-meal or post-meal. This helps in tracking how different meals affect your blood glucose levels.

## 5. MAINTENANCE

- **Cleaning:** Clean the meter's exterior with a soft, damp cloth. Do not immerse the meter in water or use harsh cleaning agents.
- **Storage:** Store the meter, test strips, and control solution in a cool, dry place within the specified temperature range (refer to specifications). Keep them away from direct sunlight and extreme temperatures.
- **Battery Replacement:** The meter uses coin batteries. Replace them when the low battery indicator appears on the display.

## 6. TROUBLESHOOTING

### 6.1 Meter Pairing Failure

If you experience issues with Bluetooth pairing, follow these steps:

1. Go to the Bluetooth settings on your phone and find 'CareSens N Plus BT'. If listed, select 'Forget This Device'.
2. Open the SmartLog App > Accessories. If 'CareSens N Plus BT' is listed, tap 'Delete This Device'.
3. Repeat the pairing steps outlined in Section 3.3.

**Important: When you see the pop-up notification on your phone that says "Bluetooth Pairing Request" and press PAIR, go immediately back to your meter which should have YES flashing on the bottom right. Press the ● button to complete the pairing process. This step is time sensitive and must be done in 6 seconds. Refollow the steps above in a timely manner if Bluetooth failure occurs again.**

# CareSens N Plus BT complete kit



Image 6.1: Troubleshooting guide for 'bt FAIL' message on the meter, advising to delete the device from phone's Bluetooth settings and re-pair.

## 6.2 Error Messages

Error Code	Meaning & Solution
Er 1	Occurs when a used strip is inserted. If you apply your blood sample to the strip BEFORE inserting the strip into the meter, your meter will read it as a used strip. You must always apply your blood sample to the strip AFTER inserting the strip into the meter.
Er 4	Occurs when the blood sample has insufficient volume. This could occur if the blood sample isn't applied correctly to the strip. Make sure that your blood sample is applied at the TIP of the strip.

For all other error messages, please contact customer service.

## 6.3 Inconsistent Readings

- **Different Brands:** Results between different brand meters may vary due to algorithm differences. Do NOT compare among brands. Consult your healthcare provider for accuracy concerns.
- **Back-to-Back Readings:** Differences in readings may arise due to blood samples having differing amounts of cells and interstitial fluid. Residue on skin or not completely drying hands after washing can also cause inaccuracy. Always wash your hands before testing.
- **Storage:** If strips and meter are not stored properly at the temperature specified in the manual, inaccurate readings may occur.

\* FDA states that 95% of all Blood Glucose results must be within  $\pm 15\%$ , meaning that meters may produce a slight margin of error.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	N Plus
Operating Time	5 Seconds
Battery Cell Composition	Lithium
Package Dimensions	6.65 x 5.04 x 2.8 inches; 13.76 ounces
Date First Available	June 16, 2020
UPC	885325001372

## 8. WARRANTY

The CareSens N Plus Bluetooth Blood Glucose Monitor Kit is covered by a manufacturer's warranty. Please refer to the warranty information provided with your product packaging or contact CareSens customer support for details regarding warranty terms and conditions.

## 9. SUPPORT

For technical assistance, troubleshooting, or any questions regarding your CareSens N Plus Bluetooth Blood Glucose Monitor Kit, please contact the manufacturer directly.

**Manufacturer:** i-SENS USA

For contact information, please refer to the product packaging or visit the official CareSens website.

You can also find additional resources and frequently asked questions on the SmartLog app or the CareSens support page.