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› CareSens N Blood Glucose Test Strips Instruction Manual (Model CSN50)

CareSens CSN50

CareSens N Blood Glucose Test Strips Instruction Manual

Model: CSN50

1. PRODUCT OVERVIEW

The CareSens N Blood Glucose Test Strips are designed for use with the CareSens N family of blood glucose meters to quantitatively measure glucose in fresh capillary whole blood. These strips are for self-testing and professional use for monitoring blood glucose levels.

Key Features:

- No Coding required.
- Fast 5-second test time.
- Requires only a 0.5 µL blood sample.
- Accurate results for reliable monitoring.
- Automatically draws blood into the test strip.



Image: CareSens N Blood Glucose Test Strips (50 count) packaging.

2. SETUP

2.1 Preparing the Lancing Device

1. Unscrew the cap of the lancing device.
2. Insert a new lancet firmly into the lancet holder.
3. Twist off the protective cap of the lancet.
4. Replace the lancing device cap.
5. Adjust the penetration depth by rotating the cap. A lower number is for shallower penetration, suitable for thinner skin. A higher number is for deeper penetration, suitable for thicker skin.
6. Pull back the cocking control until it clicks, indicating the device is loaded. The release button will turn red.

Your browser does not support the video tag.

Video: Demonstrates how to prepare the lancing device and insert a lancet. This video is provided by i-SENS USA.

2.2 Preparing the Meter and Test Strip

1. Wash your hands with soap and warm water, then dry them thoroughly.

2. Remove one test strip from the vial. Immediately close the vial cap tightly to protect the remaining strips from moisture.
3. Insert the test strip into the meter with the flat end (containing the contact bars) facing the meter. Ensure the CareSens N logo on the strip is facing upwards. Do not insert the pointy end first, as this can damage the meter.
4. The meter will turn on automatically, display a countdown, and then show a blood drop symbol, indicating it is ready for a blood sample.



Image: A CareSens N Blood Glucose Monitor with a test strip correctly inserted.

3. OPERATING INSTRUCTIONS: MEASURING BLOOD GLUCOSE

1. With the lancing device loaded, place the tip firmly against the side of your fingertip. Press the release button to prick your finger.
2. Gently squeeze your finger to obtain a small drop of blood. Do not use the first drop of blood; wipe it away with a clean tissue.
3. Gently squeeze again to form a second drop of blood.
4. Touch the tip of the test strip to the blood drop. The blood will be automatically drawn into the strip. Ensure the confirmation window on the strip is filled.
5. The meter will begin a 5-second countdown. After the countdown, your blood glucose result will be displayed.
6. Remove the used test strip from the meter and dispose of it properly.
7. Carefully remove the lancet from the lancing device and dispose of it in a sharps container.

Your browser does not support the video tag.

Video: Demonstrates the full process of measuring blood sugar levels using the CareSens N Meter. This video is provided by i-SENS USA.

4. MAINTENANCE

4.1 Test Strip Storage and Handling

- Store test strips in their original vial with the cap tightly closed.
- Store between 1-30°C (34-86°F) and 20-80% Relative Humidity.
- Do not freeze the test strips.
- Dispose of test strips past the expiration date immediately.
- Discard used test strips safely in disposable containers.

4.2 Meter Care

- Keep the meter clean and dry. Wipe the exterior with a soft, damp cloth.
- Avoid getting liquids inside the meter.
- Store the meter in its carrying case when not in use to protect it from dust and damage.

5. TROUBLESHOOTING: CONTROL SOLUTION TESTING

Control solution testing is recommended when you suspect your meter or test strips are not working correctly, or if your blood glucose results are unexpectedly high or low.

5.1 Performing a Control Solution Test

1. Shake the control solution vial vigorously before use to ensure proper mixing.
2. Apply a drop of control solution onto the tip of the control solution vial cap.
3. Insert a new test strip into the meter. When the blood drop symbol appears, touch the tip of the test strip to the control solution drop.
4. After 5 seconds, the result will be displayed.
5. Compare the result with the control solution range printed on the test strip vial label. If the result falls within the specified range, your meter and strips are working correctly.
6. To mark the result as a control solution test (and prevent it from affecting your average blood glucose readings), press and hold the down arrow button on the meter for 3 seconds immediately after the result is displayed. A "CHECK" mark will appear on the screen.
7. Wipe any excess control solution from the cap and close the vial tightly.

If the control solution result falls outside the specified range, repeat the test. If the result is still out of range, do not use the meter or test strips and contact customer service or your healthcare provider.

Your browser does not support the video tag.

Video: Instructions on how to use CareSens Control Solution for testing meter accuracy. This video is provided by i-SENS USA.

6. SPECIFICATIONS

Feature	Detail
Product Name	CareSens N Blood Glucose Test Strips
Model Number	CSN50
Test Time	5 seconds
Blood Sample Volume	0.5 Microliters
Storage Temperature	1-30°C (34-86°F)
Relative Humidity	20-80%
Compatibility	CareSens N Family Meter Kits
Manufacturer	iSens, Inc

7. WARRANTY AND SUPPORT

For any questions, concerns, or technical support regarding your CareSens N Blood Glucose Test Strips or meter, please contact iSens, Inc. customer service.

- **Customer Service:** 1-800-429-5307
- **Manufacturer:** iSens, Inc.

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.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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