1 FreeStyle Precision Neo At-A-Glance 10 Understanding The Hypo | Hyperglycemic Trend Indicators Low Blood Glucose Results 2 Meter Symbols FreeStyle **High Blood Glucose Results** Changing Hypo/Hyperglycemic Trend Indicator Targets 3 System Contents Turning Off Hypo/Hyperglycemic Trend Indicators Turning On Hypo/Hyperglycemic Trend Indicators 4 Quick Start - Testing Your Blood Glucose 11 MediSense Glucose and Ketone Control Solution 5 Intended Use Performing a Control Solution Test 12 Transferring Meter Data to a Computer 6 Getting to Know Your Meter **Precision Neo** urning Your Meter On and Off 13 View Logbook Checking Your Meter Screen Every Time You Turn it On Viewing Your Logbook Events Blood Glucose Monitoring System 7 Setting Up the Meter Viewing Your Blood Glucose Averages Set Time 14 Error Messages Set Date 8 Testing Your Blood Glucose **Owner's Setup Guide** 15 Taking Care of Your Meter and Lancing Device Prepare to Test Changing Batteries Performing a Blood Glucose Test Cleaning and Disinfecting the Meter and Lancing Device User's Manual Cleaning and Disinfection 9 Understanding Blood Glucose Test Results 16 Troubleshooting 17 Meter Specifications 18 References **Abbott** 6 Intended Use **Getting to Know Your Meter Turning Your Meter On and Off** The FreeStyle Precision Neo Blood Glucose Monitoring System is for use outside the body **IMPORTANT:** To turn your meter on: only (in vitro diagnostic use) in the quantitative measurement of glucose in fresh whole • Use only FreeStyle Precision Neo blood glucose test strips. Other test strips may produce blood for self testing by lay users from the fingers. It is not intended to be used for testing • Press the 🖌, or inaccurate results. neonatal blood samples or for the diagnosis or screening of diabetes. Insert a strip See test strip instructions for use for more information about sample types. The FreeStyle Precision Neo System is indicated for the home (lay) user in the management To turn your meter off:

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of patients with diabetes. It is intended to be used by a single person and should not be shared.

The FreeStyle Precision Neo Blood Glucose Test Strips are for use with the FreeStyle Precision Neo Blood Glucose Meter to quantitatively measure glucose (sugar) in fresh capillary whole blood samples drawn from the fingertips.

- The meter and its accessories are for use by a single person. They must not be used on more than one person including other family members due to the risk of spreading infection. All parts of the meter and its accessories are considered biohazardous and can potentially transmit infectious diseases, even after performing the cleaning and disinfection procedure.^{1,2}
- If the meter is being operated by a second person who is providing testing assistance to the user, the meter and lancing device should be cleaned and disinfected prior to use by the second person.
- Read the instructions in this Owner's Setup Guide. Failure to follow instructions may cause incorrect results. Practice the testing procedures before using the meter.
- Follow your healthcare professional's advice when testing blood glucose levels. Observe caution when using around children. Small parts may constitute a choking
- hazard.

Performing a Blood Glucose Test

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- This device should not be used to test critically ill patients.
- Not for use on patients who are dehydrated, hypotensive, in shock, or for individuals in hyperglycemic-hyperosmolar state, with or without ketosis.

We're here to help Monday through Friday, 8AM to 8PM Eastern Standard Time. If you have any questions about any of our FreeStyle products, please contact Customer Care toll-free at 1-800-527-3339.

1. **Open the foil test strip packet** at the notch and

2. Insert the test strip into the meter until it stops.

• Be sure to check that your meter screen is working

properly each time you turn your meter on. If you see

any white segments in the black off screen, or any

black segments in the white test screen, there may be

a problem with the meter. (See Section 6, Getting to

Remove and reinsert the unused test strip to restart

• The meter turns off after 3 minutes of inactivity.

Know Your Meter, for more details)

tear down to remove the test strip.

This will turn on the meter.

Notes:

the meter.

Testing Your Blood Glucose

IMPORTANT:

- Only use a FreeStyle Precision Neo test strip once.
- Read the test strip instructions for use before performing your first blood glucose test. It contains important information and will tell you how to store and handle the test strips.
- The meter and its accessories are for use by a single person. They must not be used on more than one person including other family members due to the risk of spreading infection. All parts of the meter and its accessories are considered biohazardous and can potentially transmit infectious diseases, even after performing the cleaning and disinfection procedure.^{1,2}
- Do not put urine on the test strip.
- Refer to the lancing device insert for detailed instructions on how to use the FreeStyle Lancing Device II.
- Do not re-use lancets due to risk of infection. Not suitable for re-sterilization.
- New lancets can be obtained at a retail pharmacy.

Prepare to Test

- 1. Wash your hands with soap and warm water.
- Rinse and dry thoroughly.
- Do not use lotion or cream on the test site.

Note: Avoid moles, veins, bones, and tendons. Bruising may occur at the test site.

2. Check test strip expiration.

Do **not** use expired test strips; they may cause inaccurate results.

nderstanding The Hypo | Hyperglycemic Trend Indicators

The hypo/hyperglycemic trend indicators help you understand patterns in your blood glucose readings. These trend indicators can show low and high blood glucose patterns. When the arrows are solid, this indicates that the blood glucose reading just taken is either low or high. When the arrows are blinking, it indicates that a pattern of either lows or highs has developed.

When you first use your meter, the hypo/hyperglycemic trend indicators will be turned on. The hypoglycemic trend indicator target is initially set to 70 mg/dL and the hyperglycemic trend indicator target is initially set to 240 mg/dL. The trend indicator targets can be changed or the indicators can be turned off as recommended by your healthcare professional.

Every time you check your blood glucose level, the FreeStyle Precision Neo meter searches for patterns that have developed in your blood glucose levels over the past five days. If a pattern of low blood glucose readings is detected, the down arrow will blink. If a pattern of high blood glucose readings is detected, the up arrow will blink. Trend indicators provide information from your past results and can help you identify when you have recurring lows and highs at specific times of day. Before making changes to your diabetes management plan always consult your healthcare professional.

enough blood. **Low Blood Glucose Results** What It Means What To Do If You See ... Follow your healthcare professional's advice to treat Appears when result is lower than 70 mg/dL or the low target recommended by $\mathbf{1}$ your healthcare professional. low blood glucose. A solid red arrov A pattern of low glucose has developed. Follow your healthcare professional's advice to treat If 2 low results occur within the past 5 days AND both are within the same 3-hour low blood glucose. time period, the meter will display a blinking $oldsymbol{\downarrow}$. A blinking red arrow **High Blood Glucose Results** If You See ... What It Means What To Do Follow your healthcare professional's advice to treat Appears when result is higher than 240 mg/dL or the high target recommended by your healthcare professional. high blood glucose.

A pattern of high glucose has developed.

time period, the meter will display a blinking 个

If 3 high results occur within the past 5 days AND all are within the same 3-hour



vellow arrow

The b I apply a s
3. Obta

Press and hold the Y for 3 seconds, or

Meter Off Screen

Start-up Test Screen

Checking Your Meter Screen Every Time You Turn It On

test screen will appear.

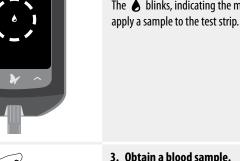
screen.

• Do nothing for 2 minutes

Use the lancing device to obtain a blood sample. (See lancing device instructions for use for more information.)



Hold blood to test strip until you see 3 short lines on the meter screen. This means you have applied



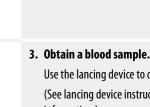


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Apply blood to the test strip. Bring the blood drop to the white area at the end or top of the test strip. The blood is drawn into the test

high blood glucose.



Bloa	od Glucose
d drv	hands before and after
	t strip expiration.
rip.	
st site	e and apply blood.
ult.	
nform	nation on how to perform a test,
n 8, Te	esting Your Blood Glucose.
nth nonth	blinks. Press 🗸 or < to set
nonth	
¥∕ ′	to continue
,	
ay bli	nks. Press 🛩 or 🦟 to set the
X	to continue
r	
	or 🔶 to set the year
H	to save. Setup complete
ose 1	lest Results
nit of i	measurement is preset. You
mg/d	IL. Low or high blood glucose
tion.	
	asting adult is under 40 mg/dL.³
	at is appropriate for you.
	What To Do
r	Repeat the test with a new test
	strip. If the result is LO, contact your healthcare professional
he	immediately.
er	Repeat the test with a new test
	strip. If the result is HI, contact
e	your healthcare professional immediately.
the F	
uie El	ror Messages section in this
	ve symptoms that do not match
ni th	is Owner's Setup Guide.

MediSense Glucose and Ketone Control Solution



IMPORTANT:

with the meter.

for use match.

the test strip instructions for use.

11

A control solution test should be performed when you are not sure of your results and want to confirm that your meter and test strips are working properly.

Use only MediSense (low, medium or high) Glucose and Ketone Control Solutions

• Control solution results should fall within the control solution range printed on

Check that the LOT number printed on the test strip foil packet and instructions

• Do not use control solution past its expiration date. Discard control solution 3

Performing a Control Solution Test

1. Open the foil test strip packet at the notch and tear down to remove the test strip.

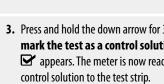
2. Insert the test strip until the meter turns on.

Notes: • Be sure to check that your meter screen is working properly each time you turn your meter on. If you see any white segments in the black off screen, or any black segments in the white test screen, there may be a problem with the meter. (See Section 6, Getting to Know Your Meter, for more details.)

• The meter turns off after 3 minutes of inactivity. Remove and reinsert the unused test strip to restart the meter.



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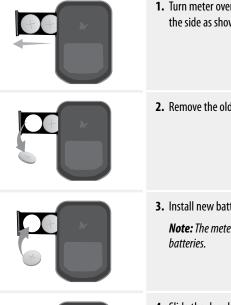
months after opening or on the expiration date printed on the bottle, whichever comes first. (Example: open April 15, discard July 15; write the discard date on the side of the bottle.) • The control solution range is a target range for control solution only, not for blood glucose levels. • Replace the cap securely on the bottle immediately after use.

- Do not add water or other liquid to control solution.
- Contact Customer Care (1-800-527-3339) for information on how to obtain control solutions.

13 View Log	gbook			14 Erro	r Messages											
Your meter logbook can stor solution results and other me	re up to 1,000 events — including blood glucose and control leter information.	Viewing Your Blood Gluco	se Averages	Message	What It Means	What To Do	Message	What It Means	What To Do	Message	What It Means	What To Do	Messag	ge What It Means		
Viewing Your Logboo		Your average	 While on the Home screen, press results to open the logbook. Note: For today's results, only the time will be displayed at the bottom of the screen. For previous days results, the date will alternate with the time. While in the logbook, press results any time to view your 	E- I	The temperature is too hot or too cold for the meter to work properly	 Move the meter and test strips to a location where the temperature is within the test strip operating range. (See test strip instructions for use for the appropriate range.) Wait for the meter and test strips to adjust to the new temperature. Repeat the test using a new test strip. If the error reappears, contact 	E-3	Blood drop is too small or Incorrect test procedure or There may be a problem with the test strip	 Review the testing instructions. Repeat the test using a new test strip. If the error reappears, contact Customer Care. 	E-5	Blood was applied to the test strip too soon	 Review the testing instructions. Repeat the test using a new test strip. If the error reappears, contact Customer Care. 	E-7	No coding required or Test strip may be damaged, used, or the meter does not recognize it	1. C t s y n 2. R u 3. If	
Examples:	2. Press \checkmark to scroll through to view your logbook events.		 7-day average. [¬-dRY] Press to view 14-day average. [IЧ-dRY] Press to view 30-day average. [30-dRY] Press Press to return to your logbook events. Notes: Averages do not include glucose control solution results. 	E-3	Meter error	Customer Care. 1. Turn off the meter. 2. Repeat the test using a new test strip. 3. If the error reappears, contact	E-4	The blood glucose level may be too high to be read by the system or	 Repeat the test using a new test strip. If the error reappears, contact Customer Care. 	E-6	Meter error	1. Check that you are using the correct strip for this meter. (See test strip instructions for use to verify your strip is compatible with this meter.)	E-9	B Meter error	1.1 2.F 3.I	
Blood Glucose Result	Note: Check mark in the box indicates a control solution test and not that the result was within range.	Number of tests in this average Press ~ or ~ to scroll through 7-, 14- and 30-day averages.		 tests may cause averages to be inaccurate. appear on the meter screen when there are no current events or averages to view. blood glucose test results are included as 20 mg/dL when calculating averages. H blood glucose test results are included as 			Customer Care.		There may be a problem with the test strip				 Repeat the test using a test strip for use with your meter. If the error reappears, contact Customer Care. 			C
15 Taking C	are of Your Meter and Lancing Device															
Changing Batteries		Step	Action	Cleaning and	Disinfecting the Meter ar	nd Lancing Device			n validated for 522 cleaning and 522	Step	Ac	ction	Step	Ac	tion	
	You will see this screen when your batteries are low. Note: Your meter settings and logbook information will be saved when you change the batteries.		 Turn meter over and slide open the battery door on the side as shown. 	Meter and the Free Cleaning and disinf	Style Lancing Device II. fecting your meter and lancing dev	asks for the FreeStyle Precision Neo vice is important to prevent the spread of 5 years, which is 522 cleaning and 522	The lancing device had disinfection cycles (the cycles of the cycles) of the cycles of the cycles of the cycle of the	ne equivalent of 2 cycles per wee ting the meter is important to p	has been validated for 210 cleaning and	1 For with USE	the bleach wipes until they are vis	of the meter and lancing device thoroughly sibly clean. Take care to avoid the strip port, ean your meter at least once a week. dirty (at least once a week)	5	After pre-cleaning, use a second wipe t using the same process.	o disinf	
-+8.33						e lancing device has a mean use life of 2	Cleaning and Disi	nfection		Clea	in your rancing device when visibly	an ty (at reast offer a week).	6	Allow the meter and lancing device su	rfaces tr	

IMPORTANT: After you first see this warning, you can perform approximately 28 tests before you need to change the batteries. WARNING: Batteries should be kept away from small children. If swallowed, contact a healthcare professional immediately.

Note: When you no longer need the meter, remove the batteries and dispose of batteries and meter in compliance with your local government regulations. The batteries in this product should be removed and disposed of in accordance with local regulations for separate collection of spent batteries.



years, which is 210 cleaning and 210 disinfection cycles (2 cycles per week for 2 y Turn off the meter prior to cleaning and disinfection. Users should wash hands th with soap and water after handling the meter, lancing device, or test strips.

If the meter is being operated by a second person who is providing testing assista user, the meter and lancing device should be cleaned and disinfected prior to use second person.

CAUTION: Do not place the meter in water or other liquids. Avoid getting dust blood, control solution, water, bleach, or any other substance in the meter's ter port, USB port and battery compartment.

Assemble cleaning and disinfection supplies.

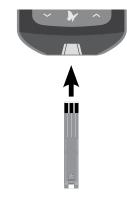
17 Meter Specifications

Clorox Healthcare Bleach Germicidal Wipes, EPA Reg. #67619-12. These disinfecta contain a 0.55% Sodium Hypochlorite (NaOCI) solution and have been shown to b use with the meter and lancing device. They may be purchased at major online re as Walmart.com, Amazon.com, and OfficeDepot.com.

· Cleaning and disinfection should be performed using Clorox Healthcare Bleach Germicidal Wipes at least once per week.

16 Troubleshooting

	What It Means	What To Do	Assay method	Amperometry	
1. Test strip is inserted in the	Test strip is not inserted properly or fully into the meter	 With the contact bars (3 black lines) facing up, insert the test strip into the meter until it stops. This turns on the meter. If the meter still does not turn on, contact Customer Care. 	Automatic shutoff	At least two minutes of inactivity	
strip port and nothing	No batteries are installed; Batteries installed incorrectly	Refer to Section 15, <i>Taking Care of Your Meter and Lancing Device</i> , on how to properly install batteries.	Battery life	Up to 3000 tests	
happens.	Dead batteries	Change batteries. Reset date and time, if needed.			
nappensi	Meter may be plugged into a computer (PC appears on meter screen)	Unplug the meter from the computer.	Measurement range	For blood glucose testing 20 - 500 mg/dL	
Problem with the test strip		Try a new test strip.	Memory	Up to 1000 events, including blood glucose and control solu results, and other meter information	
	Problem with the meter	Contact Customer Care.	Minimum computer		
2. The test	Blood sample is too small			r System must only be used with EN60950-1 rated computers certified cable	
does not start after		2. If the test still does not start, contact Customer Care.	Operating relative humidity	10% to 90% (non-condensing)	
applying the blood sample.	Sample applied after meter turns off	 Review the testing instructions. Repeat the test using a new test strip. If the test still does not start, contact Customer Care. 	Operating temperature	59 °F to 104 °F (15 °C to 40 °C)	
	Problem with meter or test strip 1. Repeat the test using a new test strip. 2. If the test still does not start, contact Customer Care.		Power source	Two CR 2032 lithium (coin cell) batteries	



2. Remove the old batteries.

3. Install new batteries with (+) facing up. Note: The meter uses 2 replaceable CR 2032 coin cell

4. Slide the door back into place until it clicks. *Note:* The next time you turn your meter on, it may prompt you to reset the time and date. (Refer to Section 7, Setting Up the Meter).

The b blinks, indicating the meter is ready for you to apply control solution to the test strip.	4. Apply control solution to the test strip. Shake the control solution bottle to mix the solution. Apply a drop of control solution to the white area at the end of the test strip in the area shown. The control solution is drawn into the test strip.	Example:	 6. View the result. The test is complete (example shown) when the result appears on the meter screen. The result is stored in memory as a control solution result. Compare the control solution result to the range printed on the blood glucose test strip instructions for use. The result should fall within the range. 	Transferring meter data to a computer requires a compa will also need a micro USB cable to connect your meter separately). For more information, contact Customer Ca WARNING: To avoid the possibility of electric shock while the meter is connected to the computer.
 Press and hold the down arrow for 3 seconds to mark the test as a control solution test. The	 5. Hold the control solution to the test strip until: You see 3 short lines on the meter screen. This means you have applied enough control solution and the meter is reading the control solution. <i>Notes:</i> You will see a 5-second countdown. Do not remove the test strip from the meter during the countdown. If the countdown does not start, remove and discard the used test strip, turn off the meter and try again with a new strip. 		 Out of Range Control Solution Results: Repeat the test if control solution results are outside the range printed on the test strip instructions for use. Stop using the meter if control solution results are consistently outside the range printed on the test strip instructions for use. Contact Customer Care. 	

	 The meter has a mean use life of 5 years and has been validated for 522 cleaning and 522 disinfection cycles (the equivalent of 2 cycles per week for 5 years). 	Step	Action	Step	Action	
ecision Neo ent the spread	 The lancing device has a mean use life of 2 years and has been validated for 210 cleaning and disinfection cycles (the equivalent of 2 cycles per week for 2 years). Cleaning and disinfecting the meter is important to prevent the spread of infectious diseases. 	1	For cleaning, wipe all outside surfaces of the meter and lancing device thoroughly with the bleach wipes until they are visibly clean. Take care to avoid the strip port, USB port and battery compartment. Clean your meter at least once a week.	5	After pre-cleaning, use a second wipe to disi using the same process.	
cleaning and 522 ean use life of 2	Cleaning and Disinfection		Clean your lancing device when visibly dirty (at least once a week).			
r 2 years). Is thoroughly	Cleaning is the physical removal of organic soil from the meter and lancing device surfaces. Keeping the meter and lancing device clean helps ensure that they are working properly and			6	Allow the meter and lancing device surfaces minute). Allow the meter and lancing device After 1 full minute, immediately dry with dry moisture. Disinfect your meter at least once Disinfect your lancing device when visibly di	
sistance to the use by the	hat no dirt gets in the devices. Cleaning allows for successful, subsequent disinfection. isinfection is a process that destroys pathogens, such as viruses and other microorganisms, on he meter and lancing device surfaces. Disinfecting the meter and lancing device helps ensure hat no infection is passed on when you or others come in contact with the meter and lancing	2	Allow the meter and lancing device to air dry completely before performing a blood glucose test.			
dust, dirt, ′s test strip	device. The meter and lancing device should be cleaned with a separate bleach wipe prior to each disinfection. Clean and disinfect your meter at least once a week. Clean and disinfect your lancing device when visibly dirty (at least once a week).	3	When finished, thoroughly wash your hands with soap and water.	7	Allow the meter and lancing device to air dry blood glucose test.	
	Note: Squeeze bleach wipe to remove excess solution before wiping the meter or lancing	4	For disinfection, wipe all outside surfaces of the meter and lancing device	8	When finished, thoroughly wash your hands	
ectant wipes to be safe for he retailers, such	device.		thoroughly with the bleach wipe until they are wet in order to pre-clean the meter and lancing device. Take care to avoid the strip port, USB port and battery compartment.		Additional information about the risks for tra to persons undergoing fingerstick procedure (See Section 18, References, for more details	

IMPORTANT: If you require assistance or if you notice any signs of deterioration on the meter or lancing device (such as clouding or crazing on the display of the meter, corroding or eroding of the plastic housing, or cracking of plastic housing or display) or if the meter d does not work after cleaning and disinfection, discontinue use of the meter or lancing device and contact Customer Care (1-800-527-3339).

	Size	2.35 in (w) x 3.42 in (l) x 0.34 in (d) 5.97 cm (w) x 8.68 cm (l) x 0.87 cm (d)
	Storage temperature	-4 °F to 140 °F (-20 °C to 60 °C)
	System altitude	See test strip instructions for use
	Weight	1.2 oz. to 1.3 oz. (33 g to 37 g) including batteries
control solution	Meter cleaning and disinfection	The meter has a mean use life of 5 years, which is 522 cleaning and 522 disinfection cycles (2 cycles per week for 5 years).
d computers. Use a USB	Lancing device cleaning and disinfection	The lancing device has a mean use life of 2 years, which is 210 cleaning and 210 disinfection cycles (2 cycles per week for 2 years).

Note: For test strip specifications, see test strip instructions for use.

Electromagnetic Compatibility (EMC): FreeStyle Precision Neo meter has been tested for both electrostatic discharge and radio frequency interference. Emissions are low and unlikely to interfere with other nearby electronic equipment. To limit radio frequency interference do not use the FreeStyle Precision Neo meter near cellular or cordless telephones, radio transmitters or other electrical or electronic equipment that are sources of electromagnetic radiation, as these may interfere with the proper operation of the meter. Avoid use of the device in very dry environments, as electrostatic discharges from synthetic materials (e.g., carpets) could cause damage.

18 References

References:

- 1. "FDA Public Health Notification: Use of Fingerstick Devices on More than One Person Poses Risk for Transmitting Bloodborne Pathogens: Initial Communication" (2010) http://www.fda.gov/ MedicalDevices/Safety/AlertsandNotices/ucm224025.htm
- 2. "CDC Clinical Reminder: Use of Fingerstick Devices on More than One Person Poses Risk for Transmitting Bloodborne Pathogens" (2010) http://www.cdc.gov/injectionsafety/Fingerstick-DevicesBGM.html
- 3. American Diabetes Association. Standards of Medical Care in Diabetes—2013. Diabetes Care 2013;6(Suppl.1)S11-S66.

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Manufacturer: Abbott Diabetes Care Ltd. Range Road Witney, Oxon 0X29 0YL, UK

12 Transferring Meter Data to

ta to	a Computer
	ible data management system. You USB port to your computer (available 2.
shock,	never perform a blood glucose test
ged, not	What To Do 1. Check that you are using the correct test strip for this meter. (See test strip instructions for use to verify your strip is compatible with this meter.)
	 Repeat the test using a test strip for use with your meter. If the error reappears, contact Customer Care.
	 Turn off the meter. Repeat the test using a new test strip. If the error reappears, contact Customer Care.
Acti	on
vipe to	disinfect the meter and lancing device,
cing de Iry witl least o	aces to remain wet for 60 seconds (1 full evice to air dry completely before use. h drying towel to remove any residual nce a week. ly dirty (at least once a week).
ce to ai	r dry completely before performing a
risks fo	ands with soap and water. or transmitting bloodborne pathogens dures for blood sampling can be found. tails.)
meter	does not turn on or if the lancing device