AlphaTrak 3 User Guide

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The AlphaTRAK 2 Meter and How It Works

System Check Screen
This display always appears when the meter is turned on. You should check that the meter matches the example exactly every time the meter turns on. Do *not* use the meter if the display check screen does not exactly match the example. If the screen does not match, the meter may show an incorrect result. Please contact Customer Care.

Data Port
Downloads test results. Requires a compatible data management system. *For more information, please go to www.AlphaTRAKmeter.com www.AlphaTRAKmeter.ca or www.AlphaTRAKmeter.co.uk*

c (Configure) Button
- Marks a control solution test
- Scrolls forwards
- Silences a reminder alarm
- Changes the test strip code (scrolls forwards)
- Changes date, time, alarm settings, sound options, and reviews stored readings

Display Screen
Displays test results and other important information.

m (Mode) Button
- Moves to different mode settings
- Changes the test strip code (scrolls backwards)
- Scrolls backwards
- Silences a reminder alarm

Test Strip Port
Insert the **Top** end of a new AlphaTRAK 2 test strip here. The meter powers on when you insert the test strip.

Sample Areas (dark-coloured half-circles on test strip)
Apply blood or control solution to one sample area only. Insert strip into the meter printed side up (see image to the right).

English

(Placeholder)

AlphaTrak 3 Blood Glucose Monitoring System Components

Starter Kit

- AlphaTrak 3 Meter (SKU placeholder)
- Two Batteries (3V, CR2032) (SKU placeholder)
- Blood Glucose Test Strips (SKU placeholder)
- Control Solution (SKU placeholder)
- Lancing Device (SKU placeholder)
- Lancets (SKU placeholder)
- Carry Case (SKU placeholder)

(Placeholder)

Important Information About AlphaTrak Blood Glucose Monitoring System

Important Health Related Information

The AlphaTrak 3 meter is intended for use outside the body only (in vitro diagnostic use). The AlphaTrak 3 Blood Glucose Monitoring System is intended for use in monitoring glucose samples taken from dogs or cats. Glucose values are affected by stress, meals, exercise, health and medication intake. Severe dehydration and excessive water loss may cause false low results.

Caution: The AlphaTrak 3 test strips are not intended for human blood glucose testing.
If the AlphaTrak 3 meter is used in any way other than described in this manual, the meter may not operate as intended, may produce inaccurate or no results, and may pose a safety hazard.

Use the AlphaTrak 3 meter for:
- Testing blood glucose in dogs and cats
- Testing with fresh whole blood samples
- Testing with fresh whole capillary samples
- Testing with fresh whole venous samples
- Testing with whole blood collected in a syringe or tube with EDTA or heparin anticoagulant if testing within 10 minutes of obtaining sample
- Testing with whole blood collected in a syringe or tube with no anticoagulant, if testing is performed immediately after obtaining sample

Do not use the AlphaTrak 3 meter for:
- Testing of arterial blood
- Testing with serum
- Testing with plasma
- Diagnosis of diabetes

IMPORTANT: Use only AlphaTrak 3 test strips and AlphaTrak 3 control solution with this meter. Using previous versions of the AlphaTrak test strips or other brands of test strips and control solution with the AlphaTrak 3 meter can produce inaccurate results.

Warning:
- This system contains small parts that may be dangerous if swallowed.

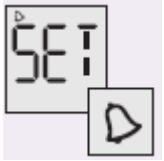
Caution: Read all the instructions provided in this user guide and practice the testing procedures before using the AlphaTrak 3 meter. Blood glucose monitoring should be done with the guidance of a veterinarian/veterinary surgeon.

Setting Up the AlphaTrak 3 Meter

The purpose of this section is to set the meter sound volume, time, date, units and Bluetooth connection.

	1. With the meter off (no test strip inserted), press and hold m for 3 seconds until SET appears.
	2. Press m to bypass setting the optional reminder alarms. You may choose to set these later (see Setting Reminder Alarms section).

Set Sound Volume

	Note: With the sound volume on, the meter will beep when: • The test strip is full of blood • The test result appears on the display • An error occurs You may also choose to silence the meter 3. Set sound volume:	
If you prefer:	Press c until you see	Then:

Low volume		Press m to save your preferred volume setting
High volume		
No sound		

Set Unit

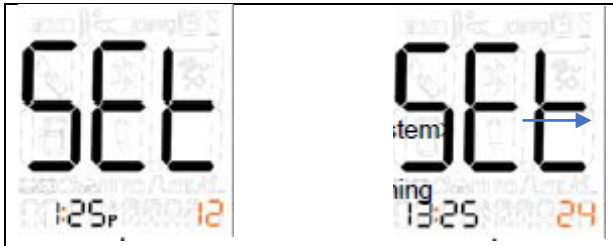
	Note: The glucose unit is preset to mg/dL. 4. Set unit: • Press c to change the unit to mmol/L • Press m to save your preferred unit

Set Date

	The year will flash first. 5. Set year: • Press m to accept year or • Press c to change • Press m to save
	Note: The date is preset to month-date format. 6. Set date format: • Press c to change to date-month format • Press m to save your preferred date format

	The month will flash first. 7. Set month: • Press c to display correct month • Press m to save
	8. Set day: • Press c to display correct day • Press m to save

Set Time

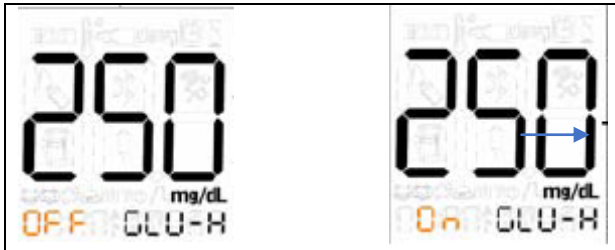
	Note: The meter can display either the 12-hour (1:24P) or the 24-hour (13:24) time formats. The time is preset to 12-hour format. An “A” will be displayed for AM and a “P” will be displayed for PM. 9. Set time format: • Press c to change to 24-hour format • Press m to save your preferred time format
	10. Set hour: • Press c to display correct hour • Press m to save

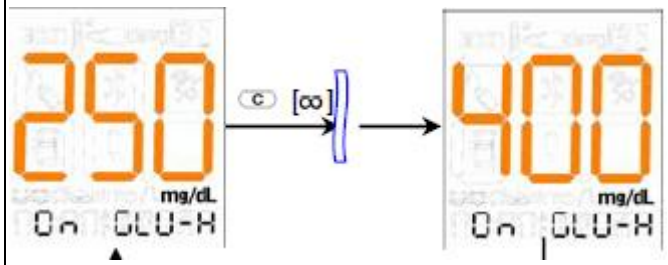
	11. Set minutes: • Press c to display correct minutes • Press m to save
12. Press and hold m for 3 seconds until meter turns off. General meter set up is complete.	

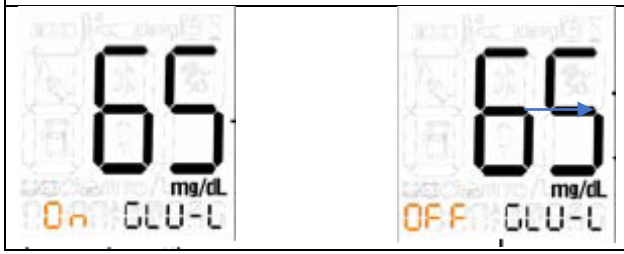
Set Bluetooth

	Note: This Bluetooth setting is to set whether to automatically turn on the Bluetooth function after the strip measurement is completed. This can help you to automatically capture your pet´s Glucose readings in your AlphaTrak 3 mobile Application. The Bluetooth mode is preset to “OFF”. 13. Set Bluetooth mode: • In the meter off state, press and hold the c button for more than 3 seconds to enter the Bluetooth and glucose warning setting mode • Press c to turn ON the automatic Bluetooth mode • Press m to save your preferred Bluetooth setting

Set Glucose Warning







Note: This Glucose warning setting can help you to easily evaluate your pet´s Glucose readings.
Hematocrit warning setting is default OFF. Glucose warning setting will apply for all species.

14. Set High Glucose Warning (Hyperglycemia):

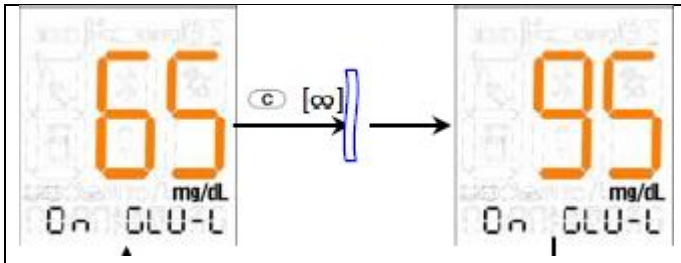
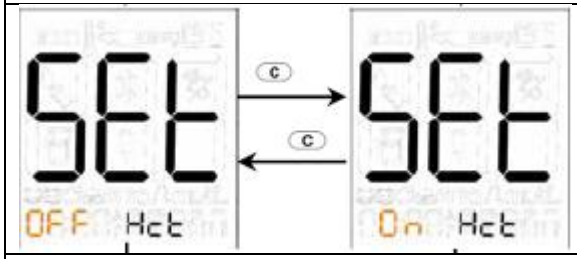
- Press c to turn ON/OFF the High Glucose warning
- Press m to save your preferred setting

Note: The Hyperglycemia warning is default OFF and preset to 250 mg/dL (14.0 mmol/L). High Glucose values max. is 400 mg/dL (22.5 mmol/L) and min. is 140 mg/dL (7.5 mmol/L). You can make changes in steps of 10 mg/dL (0.5 mmol/L).

- Press c to display correct value
- Press m to save your preferred setting

Note: The Hypoglycemia warning is default ON and preset to 65 mg/dL (3.6 mmol/L). Low Glucose values max. is 95 mg/dL (5.4mmol/L) and min. is 45 mg/dL (2.4 mmol/L). You can make changes in steps of 5 mg/dL (0.2 mmol/L).

15. Set Low Glucose Warning (Hypoglycemia):

	• Press c to turn OFF/ON the Low Glucose warning • Press m to save your preferred setting • Press c to display correct value • Press m to save your preferred setting
	Note: Hematocrit warning is OFF by default. 16. Set Hematocrit warning: • Press c to turn OFF/ON the Hct warning • Press m to save your preferred setting
17. Press and hold m for 3 seconds until meter turns off. Bluetooth and Glucose Warning set up is complete.	

Obtaining a Blood Sample

The purpose of this section is to obtain a capillary blood sample from your pet.

Caution: Animal blood is a potential source of zoonotic diseases. We recommend wearing personal protective equipment when handling animal blood. Please note local occupational health and safety regulations.

How to Lance

- Use the AlphaTrak 3 lancet to obtain a blood sample from your pet.
- Consult a veterinarian/veterinary surgeon for a recommended sampling method and instructions.

(Picture)	1. Select the test site: There are many sites to obtain capillary blood samples: the marginal ear vein in both cats and dogs; paw pad in cats and dogs; leg callus, usually dogs; inner or outer lip, dogs only. Warming the area will help increase blood flow. This can be done by: • Gently rubbing the test site or • Applying a warm (not hot) cloth to the test site. If using a wet cloth, place the cloth inside a plastic bag to avoid diluting the blood sample.
(Picture)	2. Wash your hands and the test site with warm water and soap to ensure accurate results. • Thoroughly dry your hands and test site.
(Picture)	3. Remove the round cover from the lancet and prick the test site. Optional: a thin layer of petroleum jelly may be applied prior to lancing the site. This can help the blood form into a droplet and avoid spilling into the hair. The AlphaTrak 3 lancing device may be used to assist in obtaining a blood sample. For more information on the lancing device follow the instructions included in your AlphaTrak 3 Starter Kit.
(Picture)	4. Gently apply pressure to the test site with sterile gauze or cotton wool to help stop

	the blood flow. *If you accidentally prick yourself with a lancet, follow normal first aid procedures. If bleeding persists, contact your local healthcare professional.*

AlphaTrak 3 Blood Glucose Testing

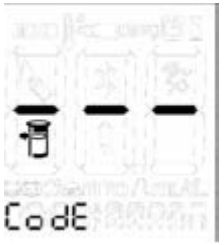
The purpose of this section is to produce an accurate blood glucose test result.

Perform a Blood Glucose Test	
(Picture)	1. Check test strip expiry date. *Do not use expired test strips; they may produce inaccurate results.* *IMPORTANT: Use only AlphaTrak 3 test strips. Other test strips can produce inaccurate results.* *The test strips are for single use only.*

Important Test Strip Information
Please read the AlphaTrak 3 test strip package insert for more information. • Use the test strips within the meter's operating range: 40 – 104 °F (4 – 40 °C). • Store test strips in a dry place between 36 - 90 °F (2 - 32 °C). • Store test strips away from direct sunlight and heat. • Store test strips in their original vial only. • Clean and dry your hands before removing a strip from the vial. • Close the vial cap tightly immediately after removing a test strip. • Do not transfer test strips to another container. • Do not store test strips outside the vial. • Do not bend, cut or alter test strips. • Do not press the test strip against the test site. • Do not scrape the blood onto the test strip.

<table>
<tr><td colspan="2">• Do not apply blood to the flat side of the test strip.
• Do not apply blood to the test strip when the test strip is out of the meter.
• Do not put blood or foreign objects into the meter.

Warning: Drying agents in the test strip vial may be harmful if inhaled or swallowed and may irritate skin and eyes.</td></tr>
<tr><td>

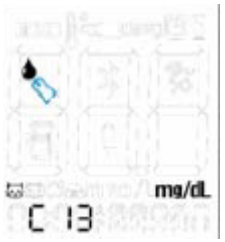
</td><td>2. Remove test strip from vial.

3. Insert test strip to turn meter on. Press m to turn meter on if it does not turn on upon insertion of test strip.

If the meter does not turn on, go to Troubleshooting section.

Note: If you are using the AlphaTrak 3 meter for the first time, it will ask you to confirm the species code (dog or cat). To do so, insert the Code Strip attached to the test strip vial.

4. Set Species (using Code Strip)
• Insert Code Strip</td></tr>
</table>

	• Press c to display correct species (matching the code on the strip vial) • Press m to save
	6. Set Species • After you have inserted the test strip again, you can change the species code on the meter: • Press and hold m and at the same time press c to switch between the species codes
 	7. Obtain a blood drop When the droplet and strip appear on the display, use the lancing device to obtain a blood drop. See Obtaining a Blood Sample section of user guide. ⚠ *Caution: Do not press c or m buttons when performing a test. This may change the code and provide an inaccurate result or an Error.*
	8. Apply and hold blood to the sample area of the test strip until: You hear a beep and a vertical line appears the meter will start a countdown (3, 2, 1) This indicates the test strip obtained enough blood and the meter is checking the glucose level. If a vertical line does not appear after 5 seconds, the sample may be too small.

	If the test does not start after applying blood drop, go to Troubleshooting section.
	9. View result: The result appears on the display when the test is complete.
	10. Turn on Bluetooth: Note: If your Bluetooth mode is set to turn on automatically, you will see a flashing Bluetooth icon once the result is ready. This indicates that Bluetooth is activated and ready to pair with mobile the application. If it is not set to turn on automatically, but you would like to transmit the result to your AlphaTrak 3 Application press m and then c in 3 sec to turn on Bluetooth.
	Note: Once meter and Application are paired correctly, the Bluetooth icon will stop flashing. The connection has been established.
	Note: you will see 2 flashing arrows while the result is being transmitted.
	11. Remove test strip to turn meter off.

	Discard used lancet and test strip properly.
Caution: Used lancets and test strips are considered bio-hazardous. Please ensure safe disposal. Professional users should collect and dispose lancets and test strips in a clinical waste container. Consumers can collect them in any strong plastic or metal container with a tight cap or lid. When the container is full, tightly secure the lid and reinforce it with heavy-duty tape before disposing it as household waste. Local regulations on disposal have to be followed.	

Understanding Blood Glucose Results

The purpose of this section is to help you evaluate and interpret your pet´s blood glucose results. Always consult your Veterinarian regarding appropriate ranges for your pet, if you have further questions regarding your pet´s glucose results, or if your pet is not feeling well.

IMPORTANT: Low or high blood glucose readings can indicate a potentially serious medical condition.

Low and High Blood Glucose Results[1,2]

Result	**What It Means**	**Clinical Signs**	**What To Do**
Lower than 65 mg/dL (3.6 mmol/L)* for adult cats & dogs	Low blood glucose (Hypoglycemia)	<u>Dogs and Cats</u> • Lethargy or abnormal drowsiness • Weakness • Disorientation • Visual disturbances • Incoordination • Tremors / shaky movements • Seizures • Coma	Repeat the test with a new test strip if the result is not consistent with the clinical signs. If the blood glucose result is not consistent with the clinical signs, perform a control solution test with a new test strip. If the test results are within the range printed on the test strip vial, retest using fresh blood and a new test strip. If the blood glucose result is still not consistent with the clinical signs, contact a veterinarian/veterinary surgeon.

Higher than 250 mg/dL (13.9 mmol/L) for adult cats & dogs[2]	High blood glucose (Hyperglycemia)	<u>Dogs and Cats</u> • Excessive thirst • Frequent • urination • Weight loss • Excessive appetite • With chronically elevated levels can see vomiting, dehydration, depression, acetone ('fruity') breath, coma.	Repeat the test with a new test strip if the result is not consistent with the clinical signs. If the blood glucose result is not consistent with the clinical signs, perform a control solution test with a new test strip. If the test results are within the range printed on the test strip vial, retest using fresh blood and a new test strip. If the blood glucose result is still not consistent with the clinical signs, contact a veterinarian/veterinary surgeon.
IMPORTANT: Low or high blood glucose readings can indicate a potentially serious medical condition. * Please always consult your Veterinarian regarding low and high blood glucose levels for your pet.			

GLU-L Result Display (LOW)		
Display	**What It Means**	**What To Do**
Appears when result is: lower than 20 mg/dL or 1.1 mmol/L	Severe low blood glucose (Hypoglycemia)	Follow a veterinarian/veterinary surgeon's advice to treat low blood glucose. If the blood glucose result does not match the clinical signs, perform a control solution test to confirm that the meter and strips are working properly.

GLU-H Result Display (HIGH)		
Display	**What It Means**	**What To Do**
Appears when result is: higher than 750 mg/dL or 41.7 mmol/L	Severe high blood glucose (Hyperglycemia)	HI reading with clinical signs, follow a veterinarian/veterinary surgeon's treatment advice. If the blood glucose result does not match the clinical signs, perform a control solution test to confirm that the meter and strips are working properly.
IMPORTANT: Low or high blood glucose readings can indicate a potentially serious medical condition.		

AlphaTrak 3 Control Solution

AlphaTrak 3 control solution is a red liquid that contains a fixed amount of glucose.

The purpose of doing a control solution test is:

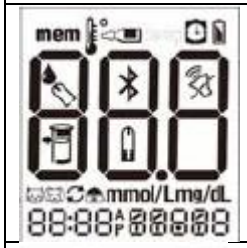
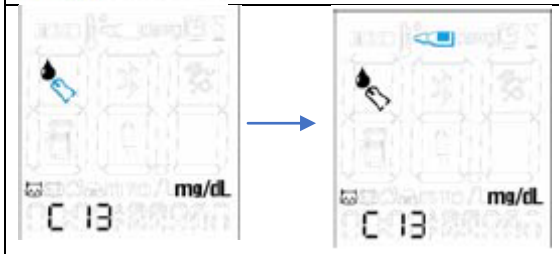
- To practice testing without using animal blood
- To confirm that the meter and test strips work together properly
- When you are unsure of the blood glucose test results

Control Solution Information
• Use only AlphaTrak 3 control solution with the AlphaTrak 3 meter. • Replace the cap securely on the bottle immediately after use. • Control solution results are accurate only between 59 – 104 °F (15 – 40 °C). • Store Control solution at a dry place between 39 - 86 °F (4 - 30 °C). • Do not add water or other liquid to control solution. For information on how to obtain control solution, contact Zoetis Customer Care. IMPORTANT: Control solution results should fall within the control solution range printed on the test strip vial or package insert. Do not use this range when testing blood glucose.

CAUTION: Control solution range is not a range for the animal's blood glucose level.

Out of Range Control Solution Results
• Repeat the test if control solution results are outside the range printed on the test strip vial. • Repeat the test to confirm the results. • The correct test procedures may not have been followed. • Stop using the meter if control solution results are consistently outside the range printed on the test strip vial. Contact Zoetis Customer Care. Causes of out-of-range results include: • Expired or bad control solution • Expired or bad test strip • Testing error • Watered-down control solution • Meter malfunction • Test strip deterioration • Control solution test done outside 59 – 104 °F (15 – 40 °C) • Correct code is not set in the meter

Performing an AlphaTrak 3 Control Solution Test	
(Picture)	1. Check control solution expiry date. IMPORTANT: Do not use control solution past expiry date. Discard control solution 3 months after opening or on the expiry 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.)
	2. Remove test strip from vial. 3. Insert test strip to turn meter on. Press m to turn meter on if it does not turn on upon insertion

	of test strip. Note: The meter turns off after 2 minutes of inactivity. Remove and reinsert the unused test strip to restart the meter. If the meter does not turn on go to Troubleshooting section.
	4. Confirm System Check Screen: • This display appears when you turn on the meter. Do not use the meter if the display check screen does not exactly match the example. Contact Zoetis Customer Care. • See The AlphaTrak 3 Meter and How It Works section for more information. • If the system check screen does not appear, go to Troubleshooting section.
	5. Code the meter to correct species: • See section “AlphaTrak 3 Blood Glucose Testing”
	6. Start Control solution Testing: • Press and hold c for 3 sec until you see the control solution bottle on the meter display
	7. Apply Control Solution to the sample area of the test strip until: • You hear a beep and a vertical line appears • The meter will start a countdown (3, 2, 1) This indicates the test strip obtained enough sample and the meter is checking the glucose level. If a vertical line does not appear after 5 seconds, the sample may be too small.

	If the test does not start after applying blood drop, go to Troubleshooting section.
	8. Review Result 9. Compare the control solution result to the range printed on the test strip vial or package insert. The result should fall within the range. Note: The test results of Control Solution are related to species code. When choosing different species, the measured readings are different.
	10. Remove the test strip to turn meter off.

Using Meter Memory

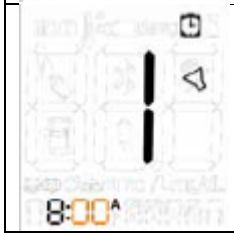
The purpose of this section is to review your stored test results

	1. Turn meter on by pressing the m button for less than 3 sec
	2. View result history: • Press m again for less than 3 sec 3. Press c to scroll to your oldest result 4. Press m to scroll to your latest results
	Note: You will find your latest control reading at the end of your records.

	To transfer stored results to your AlphaTrak 3 Application, turn on Bluetooth mode: 5. Press m than c in 3 sec
	Note: you will see 2 flashing arrows while the results are being transmitted
	To exit meter memory at any time, press and hold m.

Setting Reminder Alarms

The purpose of this section is to set up to four reminder alarms to prompt you to test throughout the day.

	1. Press and hold m for more than 3 sec to enter the system settings
	2. Press c to select which alarm you would like to set (1, 2, 3 or 4) 3. Press m to save
	4. Set hour: • Press c to display correct hour • Press m to save
	5. Set minute: • Press c to display correct minute • Press m to save

	6. Set sound: • Press c to select your preferred sound setting for this alarm (low beep, louder beep, no sound) • Press m to save
	7. Press and hold m for 3 sec to turn off the meter.

Maintaining the AlphaTrak 3 Meter

Replacing the Battery

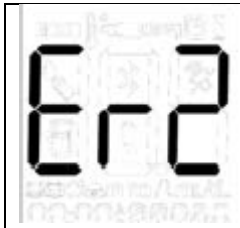
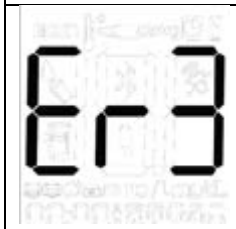
	The meter comes with two CR 2032 3 V lithium batteries installed.
	When appears on the display, the battery is low. • When this appears, the meter may fail to turn on. • When you are ready to install a new battery, remove the old battery and install the new battery within 60 seconds to avoid losing time and date settings. • If time and date settings are lost, both time and date will flash until reset. If the time and date settings are lost, you may still perform an accurate blood glucose test. • Memory log and previously stored user settings, such as date and time format, are not affected by removing the battery.
(Picture)	1. Slide the battery door to the right to open. 2. To remove the batteries, pull the plastic tab up to release the batteries.
(Picture)	3. Insert two new batteries: (+) facing up.
(Picture)	4. To close, slide the battery door in until it snaps into place.
	Note: The battery in this product should be removed and disposed in accordance with local regulations for separate collection of electronic waste and spent batteries.

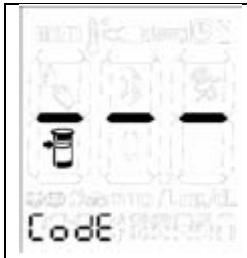
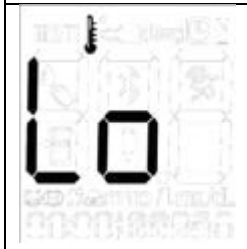
Cleaning the AlphaTrak 3 Meter

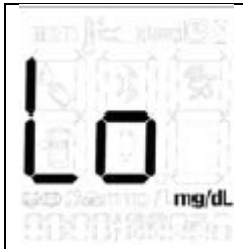
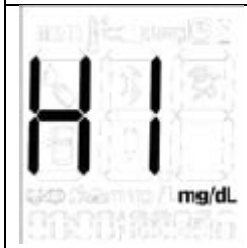
Avoid getting dirt, dust, blood, control solution or liquid in the meter test strip and data ports. Clean the outside of the meter using a damp cloth and: • Mild detergent/soap and water, or • 70% isopropyl alcohol (available in the USA) • A mixture of 1 part household bleach, 9 parts water
IMPORTANT: Do not immerse the meter in water or other liquid.

Error Codes

Message	What It Means	What To Do
	• The sample is too small • There may be a problem with the test strip • Meter error	• Use a new test strip and try again with proper amount of sample • Perform a control solution test using a new test strip. If the test results are within the range printed on the test strip vial, retest using blood and a new test strip. • If the control solution result is out of range or the error reappears, contact Zoetis Customer Care.

	• There may be a problem with the test strip • Meter error • 1. Internal reference error (data memory) • 2. Firmware checksum error (program memory)	• Perform a control solution test using a new test strip. If the test results are within the range printed on the test strip vial, retest using blood and a new test strip. • If the control solution result is out of range or the error reappears, contact Zoetis Customer Care.
	• Incorrect test procedure. For example, putting blood on the test strip before meter waiting applied state • There may be a problem with the test strip • Meter error • The test strip is affected with damp	• Wait for drop and strip to appear before applying blood or control solution. • Perform a control solution test using a new test strip. If the test results are within the range printed on the test strip vial, retest using blood and a new test strip. • If the control solution result is out of range or the error reappears, contact Zoetis Customer Care.
	• There may be a problem with the test strip • Meter error • Strip Sensing path broken • Strip Type (OEM) error	• Perform a control solution test using a new test strip. If the test results are within the range printed on the test strip vial, retest using blood and a new test strip. • If the control solution result is out of range or the error reappears, contact Zoetis Customer Care.
	• There may be a problem with the test strip connection with the meter • Meter error	• Perform a control solution test using a new test strip. If the test results are within the range printed on the test strip vial, retest using blood and a new test strip. • If the control solution result is out of range or the error reappears, contact Zoetis Customer Care.

	• No calibration code	• Use the code strip attached to the test strip´s vial to set the species code
	• Code Strip read failure	• Try to set the species code again. • If the code strip is illegible or broken, please contact Zoetis Customer Care.
	• Operating temperature too low	• Try again after warming up the device.
	• Operating temperature too high	• Try again after cooling down the device.

	• The glucose test result is below the lower limit.	• Repeat the test. If the result is still too low, contact your Veterinarian for further help.
	• The glucose test result is higher than the upper limit	• Repeat the test. If the result is still too high, contact your Veterinarian for further help.
	• Dead battery	• Replace battery. Reset date and time, if necessary. • If meter still does not enter test mode, contact Zoetis Customer Care.
	• Bluetooth pairing failure • The AlphaTrak 3 meter was not able to connect to the AlphaTrak 3 mobile Application	• Ensure Bluetooth is turned on your mobile device and you have started the AlphaTrak 3 Application. Press “Get results” on your mobile application to establish the connection. • If the error still occurs, contact Zoetis Customer Care.

Trouble Shooting

	What It Means	What To Do
1. The meter does not enter test mode after inserting a test strip.	• Test strip is inserted upside down, or bottom end in, or not fully inserted into the meter.	• Insert test strip print side up, top end in.
	• No battery is installed • Battery is installed incorrectly	• Install battery with (+) facing up.
	• Dead battery	• Replace battery. Reset date and time, if necessary. • If meter still does not enter test mode, contact Zoetis Customer Care.
	• Defective test strip or meter • Blood or foreign objects put in the test strip port	• Contact Zoetis Customer Care.
2. The test does not start after applying the blood drop.	• Blood drop is too small	• Add blood to the same sample area within • 60 seconds, or repeat the test using a new test strip and a larger blood drop.
	• Defective test strip • Sample applied after meter turns off	• Repeat the test using a new test strip. Wait for drop and strip to appear before applying blood or control solution. • If problem persists, contact Zoetis Customer Care.
	• Defective meter	• Contact Zoetis Customer Care.

Specifications

Meter

Assay method	Electrochemistry
Calibration	Plasma equivalent
Automatic shutoff	2 minutes of inactivity
Hematocrit	15-65%
Measurement units	mg/dL or mmol/L
Storage temperature	– 4 to 140 °F (– 20 to 60 °C)
Relative humidity	Operation: 5% to 90% (non-condensing) Storage: 5% to 95% (non-condensing)
Operating temperature	39 to 104 °F (4 to 40 °C)
Altitude	Operation: 71.7kPA (3048 m) Storage: 54 kPA (5000 m)
Usage	For indoor use
Power source	Two CR 2032, 3V lithium battery, replaceable
Result range	45 mg/dL (2.4 mmol/L) to 400 mg/dL (22.5 mmol/L)
Sample	whole blood, capillary or venous
Sample size	0.3 microlitre (300 nanolitres)
Size	3.56”x 2.19" x 0.65”
Weight	50 g (w/o battery)
Safety	IEC 61010-1:2010/AMD1:2016, IEC 61010-2-101:2018, ISO 15197:2015

EMC	FCC Part 15 B, IEC 60601-1-2:2014, IEC 61326-1:2012, IEC 61326-2:2012, J55011 (H27):2015
Pollution	Degree 2

Test Strips

Storage temperature	36 to 90 °F (2 to 32 °C)
Storage relative humidity	0% to 90% (non-condensing)
Altitude	Storage: 54 kPA (5000 m)
Strip Open vial	12 months

Control Solution

Storage temperature	39 to 86 °F (4 to 30 °C)
Storage relative humidity	0% to 90% (non-condensing)
Altitude:	Storage: 54 kPA (5000 m)

Regulatory

USA

FCC Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

FCC Class C

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC ID: 2A3FBALPHATRAK3

To assure continued FCC compliance:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment

Exposure to Radio Frequency Radiation:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Canada

IC warning:

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Exposure to Radio Frequency Radiation:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IC ID: 27797-ALPHATRAK3

IC attention:

Cet appareil est conforme aux normes RSS exempts de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas causer d'interférences et (2) cet appareil doit accepter toute interférence, y compris les interférences pouvant provoquer un fonctionnement indésirable de l'appareil.

Exposure to Radio Frequency Radiation:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC définies pour un environnement non contrôlé. Cet émetteur ne doit pas être situé au même endroit ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

IC ID: 27797-ALPHATRAK3

Definition of Symbols

Symbol	Name / Description
	Manufacturer of the device
	Date of manufacturing in Taiwan
	Model Number
	Serial number
	Biological risks *Indicates that there are potential biological risks associated with the device*
	Consult instructions for use or consult electronic instructions for use *Indicates the need for the user to consult the instructions for use*

	Caution *Indicates that caution is necessary when operating the device in order to avoid undesirable consequences*

References

1. *BSAVA Manual of Canine and Feline Endocrinology*, Third Edition, British Small Animal Veterinary Association. Edited by Carmel Mooney and Mark E Peterson. 2004

2. *Ettinger SJ, Feldman EC. Textbook of Veterinary Internal Medicine*. Vol 2. WB Saunders Company. pp 1529 - 1534. 1995

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