

WOODLEY
EQUIPMENT COMPANY LTD.

g-Pet
Glucose Meter

User Guide

GLUCOSE
Veterinary Monitoring System
For dog and cat use only



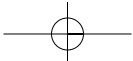
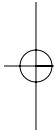
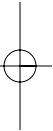


TABLE OF CONTENTS

Your g-Pet system contains	4	Obtaining a blood sample	17
g-Pet meter details	5	Applying a blood sample	18
g-Pet test strip details	6	Control solution	20
g-Pet test strip vial	7	Memory features	21
Glucose chip details	8	Care and storage	23
Installing/replacing the battery	9	Display messages	24
Setting up the g-Pet meter	10	Specifications	31
Coding your g-Pet meter	14	Limitations of the procedure	32
Blood Glucose Testing	15	Service and warranty	33
Preparing the test strip	16		

g-Pet glucose meter kit.

Your g-Pet system contains:

- g-Pet meter
- One vial of g-Pet test strips
- Two glucoce chips: one for cats, one for dogs
- One lancing device
- Ten lancets
- One carrying case
- User's guide
- Quick reference guide
- Control solution

g-Pet Meter details.

1. Display - Your test results are displayed here.

The large, easy to read screen guides you through the test by using numbers and symbols.

2. M Button - On/Off.

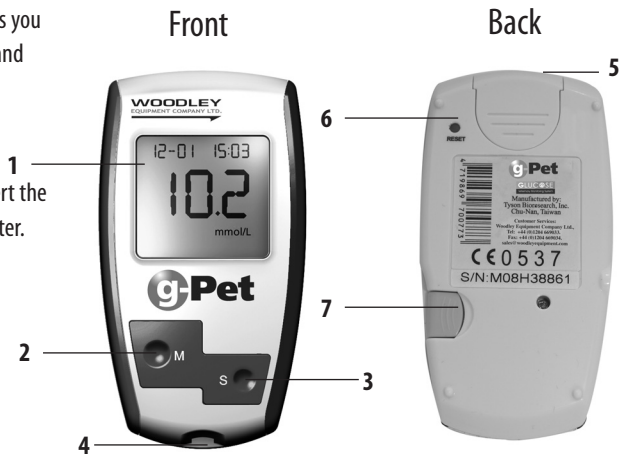
3. S Button - Select button.

4. Test Port - This is where you insert the g-Pet Test Strip into the g-Pet Meter.

5. Battery Cover

6. Reset Button - Press this button to re-set the system.

7. Glucose Chip Port - Insert the Glucose Chip for coding.

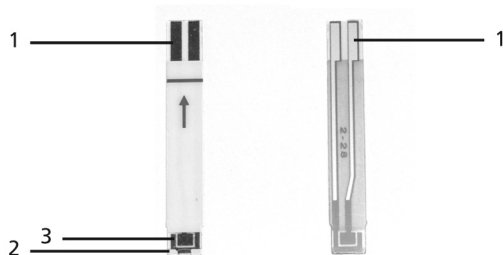


g-Pet Test Strip details.



The g-pet Test Strip is used to perform the blood glucose test in conjunction with the g-pet Meter. Each strip can be used only once.

The g-pet Test Strip consists of the following parts:

1. **Contact Bar**—This end of the g-pet Test Strip is inserted into the Test Port to activate the g-pet Meter (white side face up, arrow points into test port).
2. **Target Area**—This is where blood is drawn into the g-pet Test Strip.
3. **Confirmation Window**—This is where you confirm that enough blood has been applied to the target area.



g-Pet Test Strip Vial.

 WOODLEY EQUIPMENT COMPANY LTD.		For Veterinary Use Only
Blood Glucose Test Strips		 0537
Store in a dry place at 4-30°C (39-86°F). Do not refrigerate. Do not store test strips outside this vial. Re-cap immediately. WARNING: Always close lid tightly. For testing of glucose in capillary whole blood. For in vitro diagnostic use.	Use within 90 days after first opening. Date opened Use g-Pet meter only ! Lot#: _____ EXP: _____	Control Solution Range _____ _____ _____
Distributor: Woodley Equipment Company Ltd Old Station Park Buildings, St Johns Street, Horwich, Bolton, Lancashire, BL6 7NY. Tel: +44 (0)1204 669033 Fax: +44 (0)1204 669034 Web www.woodleyequipment.com	Code Cat-360 Dog-264	
TEST STRIPS		




Code Numbers

g-Pet Control Solution Range

Expiration Date

Lot Number

Test Strip Vial


WOODLEY EQUIPMENT COMPANY LTD. Blood Glucose Test Strip 25 Test Strips
Contents of the pack: <ul style="list-style-type: none"> ◆ Container with 25 test strips ◆ Label on the test strip container with code number ◆ Glucose Chip and package insert

 0537 WOODLEY EQUIPMENT COMPANY LTD.

Glucose Chip details.

Your new g-Pet Meter is supplied with two Glucose chips. There is one for cats, and one for dogs.

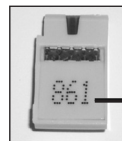
The Glucose chip is used to ensure that your g-Pet Meter provides you with the most accurate results. Before performing the blood glucose test, or when starting a new test strip vial, please check your g-Pet Meter with the corresponding Glucose chip for your pet type to ensure proper performance. The g-Pet Meter uses removable Glucose chips so you are always getting the most up-to-date information.

(Further instructions for use of the Glucose chips are provided on page 10).

Note: Always use the correct pet type glucose chip for cat or dog to ensure your g-Pet meter gives you the most accurate results.



front



back

CODE Number

Installing/Replacing the battery.

When to replace the battery

When the battery is low, the g-Pet Meter will show a warning signal that appears when it is time to replace the battery (see page 28).

Once the low battery warning signal is shown, the g-Pet Meter will provide accurate results for approximately 50 more measurements.



How to Replace the battery

1. From the back of the g-Pet Meter, gently slide and remove the battery cover.
2. Insert a 3-Volt lithium battery (CR-2032) with the "+" side facing up.
3. Slide battery cover back into place.

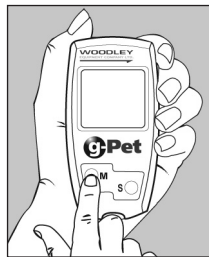
The g-Pet Meter uses one 3-Volt lithium battery (CR-2032)

Setting up the g-Pet Meter.

To turn the g-Pet Meter on, first pull the plastic tab out from the battery chamber, then press the reset button located at the back of the Meter and proceed with the following instructions:

Setting Up the Date and Time

1. Press the M button for 3 seconds to enter setting mode. Press and release S button to choose "24Hr" or "12Hr" display. With your favorite clock mode, press M button and the Year setting will appear. Press and release the S button until the correct year appears.
2. To enter the year and move on to choose the month, press the M button. To change the month, press the S button.
3. To enter the month and move on to choose the day, press the M button. To change the day, press the S button.



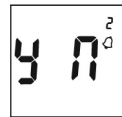
Setting up the g-Pet Meter.

Setting Up the Date and Time

4. To enter the day and move on to choose the hour setting, press the M button.
5. To change the hour, press the S button. To enter the hour and move on to change the minutes, press the M button.
6. To change the minutes, press the S button. To enter the minutes and move on to choose the alarm setting, press the M button.

Setting Up the Alarm

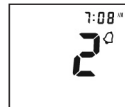
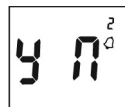
7. To set the first alarm, press the M button (y). If you press S button (n), it will move to health management alarm setting (step 11). To change the hour, press S button. To enter the hour and move on to change the minutes, press M button. To change the minutes, press S button. To enter the minutes and move on to the second alarm setting, press the M button. (Fig.1)



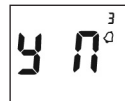
(Fig.1)

Setting up the g-Pet Meter.

8. To set the second alarm, press the M button (y). If you press S button (n), it will move to health management alarm setting (step 11). To change the hour, press S button. To enter the hour and move on to change the minutes, press M button. To change the minutes, press S button. To enter the minutes and move on to the third alarm setting, press the M button. (Fig.2)
9. To set the third alarm, press the M button (y). If you press S button (n), it will move to health management alarm setting (step 11). To change the hour, press S button. To enter the hour and move on to change the minutes, press M button. To change the minutes, press S button. To enter the minutes and move on to the fourth alarm setting, press the M button. (Fig.3)
10. To set the fourth alarm, press the M button (y). If you press S button (n), it will move to health management alarm setting (step 11). To change the hour, press S button. To enter the hour and move on to change the minutes, press M button. To change the minutes, press S button. To enter the minutes and move on to health management "HI alarm setting" press the M button. (Fig.4)



(Fig.2)



(Fig.3)

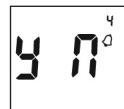
Setting up the g-Pet Meter.

10. To set the fourth alarm, press the M button (y). If you press S button (n), it will move to health management alarm setting (step 11). To change the hour, press S button. To enter the hour and move on to change the minutes, press M button. To change the minutes, press S button. To enter the minutes and move on to health management "HI alarm setting" press the M button. (Fig.4)

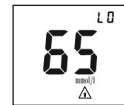
Setting Up the HI and LO Alarm

Note: When the alarm is ringing, press S or M button to turn off or meter will turn off alarm automatically after 30 sec.

11. To change the "HI alarm setting" press the S button. To enter the "HI alarm setting" and move on to "LO alarm setting" press M button. (Fig.5)
12. To change the "LO alarm setting" press the S button. To enter the "LO alarm setting" and move on to PC link setting, press M button. To finish the setting, press S button (no) to turn off the meter.
13. Press S button when PC option is displayed.



(Fig.4)



(Fig.5)

Coding your g-Pet Meter.

Each batch of g-Pet Test Strips comes with two Glucose Chips, one for cats and one for dogs. The Glucose chips are encoded with the algorithms for the blood glucose testing for a specific species type. In order to ensure an accurate result, the code number on the display must also match the code number found on the g-Pet Test Strip vial for your animal type.

1. **The meter must be switched off before inserting the g-Pet glucose chip.**

Insert the g-Pet Glucose Chip, conductive bar's end first, into the slot. The g-Pet Meter will automatically be engaged.



1a



1b

- Note: Code the g-Pet Meter whenever you start a new Test Strip Vial.**



2 & 3

2. All segments of the LCD display will appear indicating that the g-Pet Meter is functioning properly. Then a beep will sound, followed by the code number.
3. Match the code number on the g-Pet Meter display with the code number on the g-Pet Test Strip Vial for cat or dog. If the code matches, you may begin to test.

Blood glucose testing.

Before testing blood glucose, you need the following items:

1. g-Pet Meter.
2. g-Pet Test Strip in Vial.
3. Adjustable automatic lancing device or insulin needle.
4. Sterile lancet.
5. Glucose Chip for the animal type.

Caution: to reduce the chances of infection:

- Never share a lancing device and lancet with another animal.
- Always use a new and sterile lancet. Lancets are for single use only.
- Always use a new g-Pet Test Strip. Test Strips are for single use only.
- Do not get lotion, oil, dirt or debris in or on the lancet and lancing device.

Preparing the test strip.

1. Wash hands using soap and warm water. Rinse and dry thoroughly.
 2. Insert the g-Pet Test Strip, white side face up, arrow into the Test Port.
 3. A beep will sound and the code number will appear followed by a flashing “●” symbol. Now you are ready to obtain a blood sample.
- * Check the g-Pet Meter and g-Pet Test Strip regularly using the g-Pet Control Solution.



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Reminder: Make sure that the code number on the display matches the code number located on the g-Pet Test Strip Vial for your animal type (cat or dog). If the code number on the display does not match the code number on the Test Strip Vial, code the Meter by using the appropriate Glucose Chip. (See page 8)

Obtaining a blood sample.

Sample may be obtained from cat or dog. Using an insulin needle or the lancing device supplied:

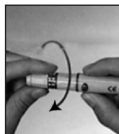
1. Unscrew the Lancing Device cap.
2. Place the lancet into the lancet holder.
3. Twist and remove the protective lancet cover to expose the sterile needle tip.
4. Screw on the Lancing Device cap. Select the skin penetration depth from 1 to 5 (shallow to deepest).
5. Pull the barrel back until you hear a "click" sound.
6. Place the Lancing Device softly against cat or dog skin. Press the trigger to obtain blood droplet.

PERFORM THE TEST WITH METER
(see p. 19)

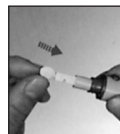
TO UNLOAD LANCET DEVICE:

1. After sampling, remove the endcap containing the used lancet carefully.

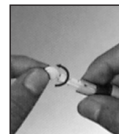
2. Remove the lancet from the lancing device and discard in a clinical waste sharps container.



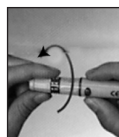
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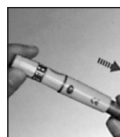
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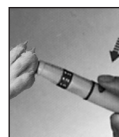
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**For safety do NOT leave lancet in lancing device.*

Applying a blood sample.

1. Place either edge of the g-Pet Test Strip against the drop of blood.
2. Blood is automatically drawn into the g-Pet Test Strip.
3. As soon as enough blood has filled the Confirmation Window of the Test Strip, the g-Pet Meter will beep and begin counting down from 8 to 1.
4. The blood glucose result will appear on the LCD panel and will be stored into the Meter memory automatically.

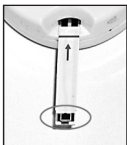
Note: To ensure accurate results, make sure the Confirmation window of the Test Strip is completely filled with the blood sample.



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Applying a blood sample.

- The g-Pet Meter results range between 1.1 to 33.3 mmol/l. If a "HI" message appears on your display, your g-Pet Meter has detected that your patients blood glucose level is higher than 33.3 mmol/l. It is suggested that you review your testing procedure and test again with a new g-Pet Test Strip to confirm the result.
- If a "Lo" message appears on your display, your g-Pet Meter has detected that your patients blood glucose level is lower than 1.1 mmol/l. It is suggest that you review your testing procedure and test again with a new g-Pet Test Strip to confirm the result.

- If no further tests are performed, the g-Pet Meter will automatically shut off after 4 minutes.
- Wash hands thoroughly.
- Record glucose test reading in Log Book.

After finishing the test, we recommend using a tissue to remove the g-Pet Test Strip from the g-Pet Meter for proper disposal.



5



6




7



8

Control Solution.

The g-Pet Control Solution is used to check the performance of the g-Pet Meter, g-Pet Test Strips, and your testing technique. The g-Pet System is performing successfully when the g-Pet Control Solution test result falls within the specific control solution ranges listed on your g-Pet Test Strip vial.

To do a control solution test, code meter with glucochip, insert g-Pet Test Strip. When ready screen shows, hold the S button for 3 seconds until " " shows onscreen. Conduct test. Control tests do not store in memory.

A control solution test should be performed:

1. When you first get the g-Pet Meter, before doing a blood test.
2. When you begin using a new

vial of g-Pet Test Strips.

3. If you have forgotten to close the g-Pet Test Strip vial.
4. When you suspect the g-Pet Meter or g-Pet Test Strips are not working properly.
5. When the blood glucose test results are not consistent with how the animal is acting, or when you think the results are not accurate.
6. If you drop the meter.

If the test result is NOT within the range printed on the g-Pet Test Strip vial:

1. Repeat test and double check your procedure.
2. Code set in meter may not match g-Pet Test Strip code.
3. g-Pet Test Strips and/or g-Pet Control Solution were exposed to extreme temperatures or have

expired. Repeat test with a new batch.

4. g-Pet Control Solution test performed outside of 15° - 40°C (59° - 104°F).

If you have ruled out all possibilities and the suspect results persist, call Woodley Equipment Company Limited Customer Services at
Tel: +44 (0)1204 669033.
Fax: +44 (0)1204 669034.
or E-mail us at:
sales@woodleyequipment.com

Do not use the blood glucose monitoring system to test the animal's blood glucose.

Memory features.

The g-Pet Meter automatically stores the 300 most recent blood glucose results with date and time in its memory. It also provides you with a consecutive 7/14/30-day average of your blood glucose test results.

1. Press the M button to turn on the g-Pet Meter. All segments of the LCD display will appear. The date and time will appear first.
2. Press S button, the result of control solution will appear on display.*
3. Press S button, the consecutive 7-day average will be shown.*
4. Press S button, the consecutive 14-day average will be shown.*
5. Press S button, the consecutive 30-day average will be shown.*

Note : * If there is no test results during this stage, it will directly display the most recent test result.



1



2



3



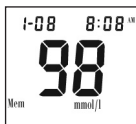
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Memory features (continued...)

6. Press S button, the most recent test result will appear.

Each time you press the S button, the g-Pet Meter will recall the last 300 test results accordingly. When the memory is full, the oldest result is removed and replaced with the newest result.

7. Press and release the S button to the end of the memory, "000" will show. Then press the S button again or M button to turn the meter off



Exiting the Memory Mode

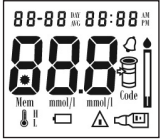


1. Press the M button to turn off the meter.
2. The meter will shut down automatically after 4 minutes with no further action.

Note: The consecutive 7/14/30-day average is calculated from the blood glucose results obtained during the last consecutive 7/14/30-day.

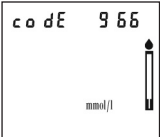
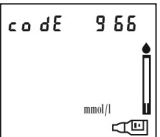

Care and Storage.

1. Handle the g-Pet Meter with care. Dropping or throwing the g-Pet Meter may cause damage to the device.
2. Do not expose the g-Pet Meter, Test Strips, and Control Solution to extreme conditions, such as high humidity, heat, freezing cold or dust.
3. Always wash hands with soap and water and rinse and dry completely before handling the Meter and Test Strips.
4. When cleaning the Meter, gently wipe the exterior surface using a damp soft cloth. **DO NOT USE ANY ORGANIC SOLVENT** for cleaning.
5. The Meter should be stored at room temperature in a dry and clean space. **DO NOT STORE IN DIRECT SUNLIGHT OR AREAS WITH HIGH HUMIDITY AND/OR DUST.** It is advised that you store the Meter and its accessories in the provided carrying case.

Display messages.

Display	What it means	Action
	<p>System check verifying that all segments of the Meter are functioning.</p>	<p>No action necessary.</p>
	<p>This message appears immediately if your Meter has not been encoded.</p>	<p>Code Meter (see page 8).</p>
	<p>This is the current code number in use.</p>	<p>This code number should match the code number printed on your g-Pet Test Strip Vial.</p>

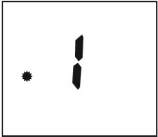
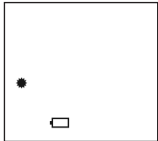
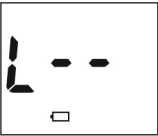
Display messages.

Display	What it means	Action
	The system is ready to accept a blood sample.	You may now apply a blood sample.
	The system is ready to accept a Control Solution sample.	You may now apply a drop of control solution sample.
	g-Pet Meter detects blood glucose level is higher than 33.3 mmol/l.	Indicates high blood glucose level. Repeat test. If result still occurs, consult your veterinarian immediately.

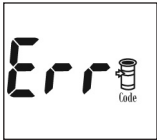
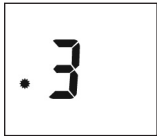
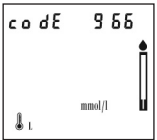
Display messages.

Display	What it means	Action
	The g-Pet Meter detects blood glucose level is lower than 1.1 mmol/l.	Indicates low blood glucose level. Repeat test. If result still occurs, consult your veterinarian immediately.
	Temperature is too low to perform the test.	Repeat the test in a warmer setting (10 -40° C or 50 - 104° F). Wait 15 minutes before retesting.
	Temperature is too high to perform the test.	Repeat the test in a cooler setting (10 -40° C or 50 - 104° F). Wait 15 minutes before retesting.

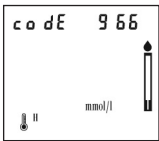

Display messages.

Display	What it means	Action
	An error message indicating a problem with the g-Pet Meter.	Review the instructions and try again with a new g-Pet Test Strip or Glucose Chip.
	Battery power is too low for further usage.	Replace with a new 3-Volt lithium battery (CR-2032).
	Battery power is low. Meter will provide approximately 50 more measurements.	Replace with a new 3-Volt lithium battery (CR-2032).

Display messages.

Display	What it means	Action
	An error message indicating a problem with the coding of the g-Pet Meter.	Check the iPet Meter again with the Glucose Chip and verify strips match code. If the problem persists, contact Woodley Equipment Company Ltd. Customer Services for help. Tel: +44 (0)1204 669033. Fax: +44 (0)1204 669034.
	An error message indicating a problem with the g-Pet Meter.	Press 'reset' button and check the meter again with the Glucose Chip. If the problem persists, contact Woodley Equipment Company Ltd. Customer Services for help. Tel: +44 (0)1204 669033. Fax: +44 (0)1204 669034.
	Temperature is low during the test procedure	Result may be larger variation. Move to a warmer environment (10 - 40°C or 50 - 104°F) and wait 15 minutes before retesting.

Display messages.

Display	What it means	Action
 <p>The display shows 'c o d E' followed by '9 6 6' and 'mmol/l' below it. A thermometer icon is on the right side.</p>	<p>Temperature is high during the test procedure.</p>	<p>Result may be larger variation. Move to a cooler environment (10 - 40°C or 50 - 104°F) and wait 15 minutes before retesting.</p>
 <p>The display shows '000' in large digits with 'Mem' written below it.</p>	<p>All testing values recorded in the memory have been shown.</p>	<p>Press S button or M button or wait for 4 minutes to turn off the meter.</p>

Problems that may occur.

Problem	Action
The g-Pet Test Strip has not been inserted into the Meter properly.	Review the instructions and re-insert the Test Strip correctly (white side face up).
Defective g-Pet Test Strip.	Replace with a new g-Pet Test Strip.
Insufficient blood sample.	Repeat the test with a new g-Pet Test Strip.
Test Strip remains in the Test Port for more than 4 minutes prior to testing.	Meter will automatically turn-off. Re-insert the Test Strip to the Test Port.
LCD Screen on the Meter is blank when trying to perform a test.	Contact Woodley Equipment Company Ltd. Customer Services for help. Tel: +44 (0)1204 669033. Fax: +44 (0)1204 669034.

Specifications.

Meter Operating Conditions

Temperature:	10°C - 40°C (50°F - 104°F)
Relative Humidity:	10 - 90%
Hematocrit:	35 - 55%
Elevation:	Up to 10,000 ft
Test Sample:	Capillary Whole Blood
Sample Volume:	≥1.5µl
Measuring Range:	1.1 - 33.3 mmol/l
Test Time:	8 seconds
Memory Capacity:	300 most recent results
Average:	Calculates the consecutive results
Power supply:	3-Volt lithium battery (CR-2032)
Battery Life:	Approximately 1000 tests
Size:	12 x 50 x 15mm (4.0 x 1.9 x 0.6 in)
Weight:	55g

- Calibrated for cat and dog use, not intended for humans.

Distributed by:

WOODLEY EQUIPMENT COMPANY LTD.,
OLD STATION PARK BUILDINGS, ST. JOHNS STREET,
HORWICH, BOLTON, LANCASHIRE, BL6 7NY. UK
Tel: +44 (0)1204 669033. Fax: +44 (0)1204 669034.
www.woodleyequipment.com
or E-mail us at sales@woodleyequipment.com

Limitations of the procedure.

Caution: The g-Pet System is designed for in vitro use only and is not intended to test on newborn animals.

The g-Pet Test Strips are designed for use with fresh capillary whole blood samples. False results may

occur when performing the test on a pet that may be severely dehydrated, severely hypotensive, in shock or in a hyperglycaemic-hyperosmolar state.

Service and Warranty.

IMPORTANT: The g-Pet Blood Glucose Monitoring System is designed for in vitro diagnostic use only. Woodley Equipment Company Limited can not endorse the performance of the g-Pet System when used with Test Strips other than those designed for the g-Pet Meter. The g-Pet System manufacturer warranty is valid only when used properly within the guidelines of the provided User's Guide and is invalid when the g-Pet System and g-Pet Test Strip are used improperly.

Manufacturer Warranty: Woodley Equipment Company Limited offers a lifetime guarantee on this product. Our company shall repair or replace any g-Pet Meter found defective with a new g-Pet Meter.

This warranty does not apply to the performance of a g-Pet Meter that has been accidentally damaged, altered, misused, tampered with or abused in any way. In no event shall our company be liable to the purchaser or any other person for any incidental, consequential, or punitive damages arising from or in any way connected with the purchase or operation of the g-Pet Meter or its parts.

For manufacturer warranty services, purchaser must contact Woodley Equipment Company Limited, for assistance.

CUSTOMER SERVICES:

WOODLEY EQUIPMENT COMPANY LTD.,
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Customer Service.

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Fax: +44 (0)1204 669034

or E-mail us at :sales@woodleyequipment.com

When you call Customer Service, please have your g-Pet Meter, g-Pet Test Strip and all other system supplies available. This will allow us to answer any of your questions with speed and efficiency.

WOODLEY
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