



ABRA

BLOOD GLUCOSE MONITORING SYSTEM



User's Manual

FOR IN VITRO DIAGNOSTIC USE ONLY

TABLE OF CONTENTS

Introduction	3
About the Product	4
About the ABRA Glucose Meter	5
About the ABRA Glucose Meter Display.	7
About the ABRA Test Strip.	9
About the ABRA Test Strip Vial	10
Installing/Replacing the Battery.	11
Setting Up the Glucose Meter	12
Setting Up the Date, Time	12
Setting Up Alarm.	13
Setting Up Alarm HI and LO	14
Unit Selecton.	15

TABLE OF CONTENTS

How to Perform a Control Solution Test	17
Testing Your Blood Glucose Level.	20
Preparing the Test Strip	21
Obtaining a Blood Sample.	22
Applying Blood Sample to the ABRA Test Strip	23
Alternate Sites Testing	25
Memory Features	29
Transfer Test Results to a Computer	31
Care and Storage	32
Display Messages	33
Specifications	40
Limitations of the Procedure	42
Service and Warranty	42

INTRODUCTION

Thank you for choosing the ABRA Blood Glucose Monitoring System, the latest advancement in biosensor technology.

Recognized for its ease of use and quick response time, the ABRA Blood Glucose Monitoring System is designed to process accurate results utilizing only a small amount of blood for in vitro diagnostics. The ABRA Blood Glucose Monitoring System is intended for use in the home and in professional settings to monitor whole blood glucose levels obtained from the fingertip, palm and forearm. This is an over the counter (OTC) product.

Please read the entire User's Manual carefully before using this product.

Do not take any medical procedures without first consulting the physician.

Self-testing device. For in vitro diagnostic use. Only for external use.

ABOUT THE PRODUCT

Your ABRA Blood Glucose Monitoring System is made up of several components. Specific instructions and figures in this brochure will help the user to become familiar with the principles of operation of the Abra set.

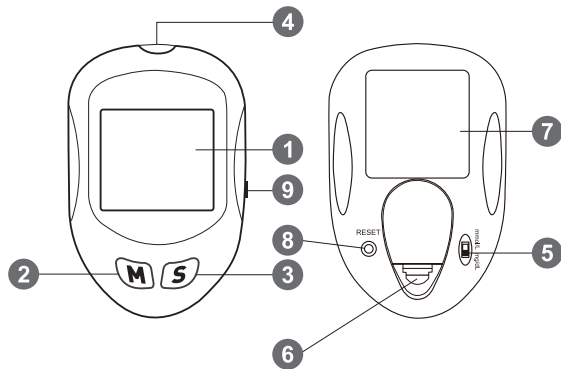
Content of the set:

- ABRA Glucose Meter
- One Lancing Device (optionally)
- Ten Lancets 28G (optionally)
- One carrying case
- User's Manual
- Quick Reference Guide
- Battery CR 2032 3V

Note: 50 test strips vial can be purchased individually.

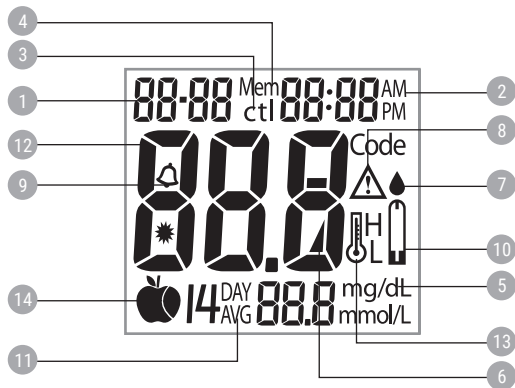
Note: We recommend using 28G lancets to obtain required blood sample.

ABOUT THE GLUCOSE METER



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** The M (mode) button is used to set time, alarm, enters the memory mode to show the consecutive 7/14/30-day average results and turn the Meter on and off. In testing mode, M can switch from Before/After Meal setting.
3. **S Button** The S (select/set) button is used to select year, month, day, time, memory of results and control solution mode.
4. **Test Port** This is where you insert the Test Strip into the Glucose Meter.
5. **Unit Switch** Switch for mmol/L or mg/dL. 1 mmol/L = 18 mg/dL
6. **Battery Cover**
7. **Label**
8. **Reset Button** Press this button to re-set the system.
9. **Data Port** Connect interface cable to transfer data.

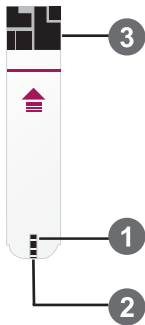
ABOUT THE ABRA GLUCOSE METER DISPLAY



- 1. Date**
- 2. Time**
- 3. Control Solution**
Test Appears when doing a control solution test and marking the result as a control solution test.
- 4. Memory Symbol**
Indicates in memory mode.
- 5. Units of Measurement**
Unit of mmol/L or mg/dL will appear with the test result.
- 6. Battery Symbol**
Appears when the battery is low or must be replaced.

- 7. Blood Drop Symbol**
Flashes when it is ready to apply sample to Test Strip.
- 8. Warning Symbol**
Appears when result is out of the range of your setting reference value.
- 9. Alarm Function Symbol**
Appears when the clock alarm is set.
- 10. Test Strip Symbol**
Appears to tell you when the glucose meter is ready for test.
- 11. Day Average Symbol**
Shows the average value of test results (7/14/30 days).
- 12. Test Result Area**
Display test results.
- 13. Temperature Message**
Appears if your glucose meter is out of operating temperature range.
- 14. Meal Indicator**
Pre-meal 🍽️ and post-meal 🍷. Default is no meal setting, meal indicator is off.

ABOUT THE ABRA TEST STRIP



The ABRA test strip is one of the basic components of the set.

It is required to perform the test with an ABRA blood glucose meter.

Remember! Only ABRA strips should be used with the ABRA glucose meter.

Test strips, other than those recommended will not work with ABRA glucose meter, or they may show incorrect results. The consequence of an incorrect result may be health problems.

NOTE: Each test strip can be used only once!

The Test Strip consists of the following parts:

1. **Testing Window** - This is where you can confirm that enough blood has been applied to the target area.
2. **Target Area** - The area on the test strip, where the measurement is performing.
3. **Contact Bar** - This end of the Test Strip is inserted into the Test Port to activate the Glucose Meter. (white side face up).

ABOUT THE ABRA TEST STRIP VIAL



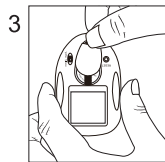
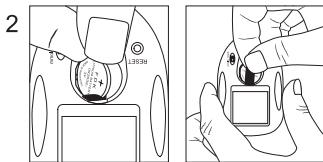
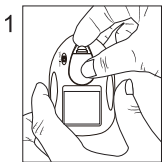
INSTALLING/REPLACING THE BATTERY

When the battery is low, the Glucose Meter will show a warning signal. When this display appears, it is time to replace a new battery. When the low battery warning signal is shown, the Glucose Meter will provide accurate results for approximately 50 more measurements.



HOW TO REPLACE THE BATTERY

1. From the back of the Glucose Meter, gently lift the battery cover.
2. Insert a 3-Volt Lithium battery (CR-2032) with the „+” side facing up.
3. Close battery cover.

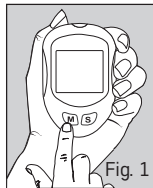


SETTING UP THE GLUCOSE METER

NOTE ABRA glucose meter enables to set up the date and time of alarms reminding about high and low levels of blood glucose.

SETTING UP THE DATE & TIME

1. While the Glucose Meter is on, hold the M button for 4 seconds to enter setting mode (Fig. 1).
Note: When using for the first time or changing the battery, the date and time should be updated.
2. Press the S button to choose „24hr” or „12hr” display. Press the M button to confirm.
3. A year will flash on the display. Press the S button to select the year. Press the M button to confirm.
4. A month will flash in the display. Press the S button to select the month. Press the M button to confirm.
5. A day will flash on the display. Press the S button to select the day. Press the M button to confirm.



24hr

12hr

20 11

9:16

9:16

11:08^{AM}

11:08^{AM}

- An hour will flash on the display. Press the S button to select the hour. Press the M button to confirm. (Fig.1)
- A minute will flash on the display. Press the S button to select the minutes. Press the M button to confirm. Setting up the date and time was finished.

SETTING UP ALARM

- When pressing the M button again ABRA glucose meter will enter into setting alarms mode (fig.2)
- Press the M button to set up the alarm, press the S button to resign setting up alarms (fig.3)



Fig. 2



Fig. 3

- When the M button was selected, it will allow the first alarm setting. Press the S button to set the hour, press the M button to move on to the minutes and press the S button to change the minutes. Press the M button to finish setting up and to move on to the next alarm (fig.4)
- Repeat steps 2 and 3 to set up additional alarms.(if necessary)
NOTE: When the alarm is ringing, press S or M button to turn off the alarm. The alarm will turn off automatically after 30 seconds. Factory settings switch off all 4 alarms.

SETTING UP ALARM HI AND LO

After setting four alarms, the system will move on to high (HI) and low (LO) blood glucose levels settings.

- Start with HI. Pressing the S button will add 10mg/dL on the display. Keep pressing the S button until you reach the desired level. Press the M button to confirm and move on to setting LO alarm (fig.5)
- In the mode LO (Fig.6) pressing the S button will add 5 mg/dL on the display. Keep pressing the S button until you reach the desired level. Press the M button to confirm and finish setting up (the glucose meter will switch off).



Fig. 4



Fig. 5

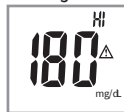


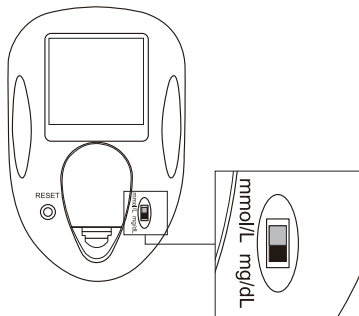
Fig. 6



UNIT SELECTION

1. Select unit, mg/dL or mmol/L on the back.

NOTE 1 mmol/L 18mg/dL.



THE CONTROL SOLUTION TEST

The Control Solution is used to check and ensure that the ABRA Blood Glucose Monitoring System and ABRA Test Strip are working together properly and that you are performing the test correctly.

WHEN YOU MAY PERFORM A CONTROL SOLUTION TEST

1. When you are using your Blood Glucose Monitoring System for the first time.
2. When you are using a new batch of Test Strips.
3. Anytime you question the performance of the system, or on a regular basis to ensure accuracy, e.g. once a week.
4. When you adjust your diabetic medication plans.
5. When your blood glucose test result is lower or higher than your normal level.

NOTE: Control Solution is not part of the kit and can be purchased separately.

HOW TO PERFORM A CONTROL SOLUTION TEST

1. Make sure the Control Solution is at room temperature prior to testing.
2. Insert a Test Strip, white side face up with the Contact Bar end first. Push all the way into test port until meter automatically turns on.(Fig.10)
3. All segments of the LCD display will appear, a beep will sound and moving dotted lines will appear followed by a flashing „♠” symbol. (Fig.11)
4. After the „♠” symbol appears, press the S button for 3 sec to switch control solution mode. The „ctl” symbol indicates that the Glucose Meter will mark your current test as a Control Solution test. Now you are ready to apply the Control Solution. (Fig.12)



Fig. 10



Fig. 11

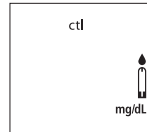
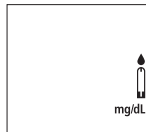
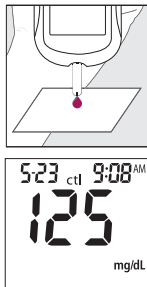


Fig. 12

5. Discard the first drop of Control Solution and squeeze a small drop of Control Solution on a clean nonabsorbent surface (such as a clean piece of wax paper). **Do not apply Control Solution to the Test Strip directly from the bottle.**
6. Bring the tip of the Test Strip to lightly touch the drop of Control Solution. Control Solution is automatically pulled into the strip through the tip. Hold until the Glucose Meter beeps. The Glucose Meter will now begin counting down from 5 to 1 and the Control Solution test result will appear.



CAUTION: Please remember that in order to prevent contamination, follow the above instructions for performing the Control Solution test.

COMPARING CONTROL SOLUTION RESULTS

The ABRA Glucose Monitoring System is functioning properly if the results fall inside the specified range printed on the Test Strip vial. If the test results fall outside the specified range, repeat the test.

RESULTS FALLING OUTSIDE THE SPECIFIED RANGE MAY BE CAUSED BY

- Error in performing the test,
- Expired or contaminated Control Solution,
- Expired or contaminated Test Strips,
- Glucose Meter malfunction.

Note: The result will not be incorporated into the average in the Control Solution test „ctl „ mode.
DO NOT use the system if the problem persists.

Please contact your local Distributor or website of www.diagnosis.pl

TESTING YOUR BLOOD GLUCOSE LEVEL

Before testing blood glucose, you need the following items:

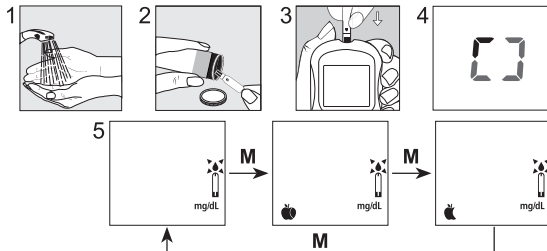
1. ABRA Glucose Meter
2. ABRA Test Strip
3. Adjustable Lancing Device
4. Sterile Lancet

CAUTION: To reduce the chances of infection:

- Never share a lancing device and lancet with another person.
- Always use a new and sterile lancet. Lancets are for single use only
- Always use a new Test Strip, Test Strips are for single use only.

PREPARING THE TEST STRIP

1. Wash hands using soap and warm water. Rinse and dry thoroughly.
2. Pull out a Test Strip from the vial and re-cap the vial immediately.
3. Insert a Test Strip, white side face up with the Contact Bar end first. Push all the way into test port until meter automatically turns on.
4. A beep will sound and the sort line moving clockwise will appear.
5. After system checking ok, a flashing „⦿” symbol will appear. You can press M to select the meal indicator for marking the test as premeal 🍏 or postmeal test 🍎 or no indicator (default is „no indication”).
6. Now you are ready to obtain a blood sample.



OBTAINING A BLOOD SAMPLE

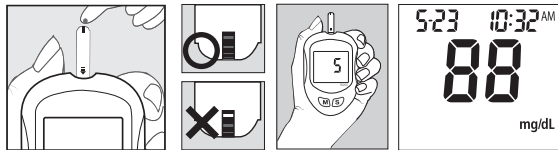
USUALLY, SAMPLE IS OBTAINED FROM FINGERTIP. IT IS POSSIBLE TO USE BLOOD FROM PALM or FOREARM (see information on page 26).

For further instructions please see the insert provided with lancing device.

1. Unscrew and remove the endcap of the lancing device.
2. Insert the lancet into the lancet holder.
3. Twist and remove the protective lancet cover to expose the sterile needle tip.
4. Recapping and screwing the endcap to the body of the lancing device.
5. Pull back on the cocking mechanism until it comes to a stop.
6. Place the lancing device firmly against the finger tip and press the release button.
7. After sampling, remove the endcap containing the used lancet carefully.
8. Remove the lancet from the lancing device. Discard the used lancet properly in accordance with local, state, and federal law.

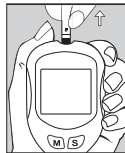
APPLYING BLOOD SAMPLE TO THE ABRA TEST STRIP

1. After obtaining a blood sample, place the drop onto the test well of the Test Strip.
2. Blood is automatically drawn into the Test Strip.
3. As soon as enough blood has filled the Confirmation Window (see picture) of the Test Strip, the Glucose Meter will beep and begin counting down from 5 to 1.



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

After the test result appears, if no further tests are performed, the Glucose Meter will automatically shut off after 3 minutes. After finishing the test, we recommend using a tissue to remove the used strip from the Glucose Meter for proper disposal.



4. Your blood glucose result will appear on the LCD display and will be stored into the Glucose Meter memory automatically.
5. The test results range between 20 to 600 mg/dL (1.1 to 33.3 mmol/L). If a „HI” message appears on the display, your Glucose Meter has detected that your blood glucose level is higher than 600 mg/dL(33.3 mmol/L). It is suggested that you review your testing procedure and test again with a new Test Strip to confirm the result.

If the same result occurs, consult your healthcare professional immediately. (Fig.13)

6. If a „LO” message appears on the display, your Meter has detected that your blood glucose level is lower than 20 mg/dL (1.1 mmol/L). It is suggested that you review your testing procedure and test again with a new Test Strip to confirm the result.

If the same result occurs, consult your healthcare professional immediately. (Fig.14)

The Abra glucose meter will shut down automatically after 3 minutes with no further action.



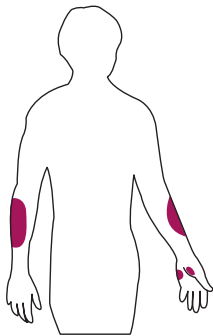
Fig. 13



Fig. 14

ALTERNATE SITES TESTING: PALM AND FOREARM.

Alternate Site Testing (AST) means you can use other parts of the body other than your more sensitive fingertips to check your blood glucose levels. The ABRA Glucose Monitoring System allows you to test on the palm and the forearm with the equivalent results to fingertip testing.



There are limitations for doing AST. Please consult your healthcare professional before you do AST.

Alternative site results differ from fingertip results when glucose levels are changing rapidly such as after a meal, after taking insulin, during exercise, or when you are ill or under stress.

We strongly recommend you do AST ONLY in the following intervals:

- In a pre-meal or fasting state (more than 2 hours since the last meal).
- Two hours or more after taking insulin.
- Two hours or more after exercise.

DO NOT use AST if:

- You think your blood glucose is low.
- You are unaware of hypoglycemia.
- Your AST results do not match the way you feel.
- You are testing for hyperglycemia.
- Your routine glucose results are often fluctuating.
- If you are pregnant.

NOTE:

1. Physical differences in the circulation between the finger and other test sites like the forearm and palm may result in differences in blood glucose measurements from the other test sites and your fingertips.
 - Changes in blood glucose may be observed in finger blood samples sooner than blood samples from the forearm and other alternate sites. Rub the alternate test sites about 20 seconds before lancing. If you are testing for hypoglycemia (low blood glucose), or if you suffer from hypoglycemia unawareness, we recommend that you test on your fingertips.
2. Talk to your doctor to see if alternate site testing is right for you. With a little bit of education, you can
 - give your fingertips a rest and maybe test more often than you do now. For people with diabetes, more
 - frequent testing is a good thing. Just remember: any time you want to be sure of an accurate, up-to-date
 - blood glucose reading, test on your fingertip.

Low or high blood glucose readings can indicate a potentially serious medical condition. If your blood glucose reading is unusually low or high, or if you do not feel the way your reading indicates, repeat the test with a new test strip. If your reading is not consistent with your symptoms or if your blood glucose result is less than 60 mg/dL (3.3 mmol/L) or higher than 240 mg/dL (13.3 mmol/L) you should contact your healthcare professional.

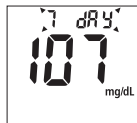
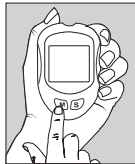
Any change or administer of medication based on the ABRA blood glucose test results without the consent and advice of a physician or healthcare professional is not recommended.

Severe dehydration and excessive water loss may cause false low results. If you believe you are suffering from severe dehydration, consult your physician immediately.

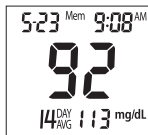
MEMORY FEATURES

The ABRA Glucose 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 M button to turn on the glucose 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.



6. Press S button, the most recent test result will appear. If it has 14-day average result, it will show under the screen at the same time. Each time you press the S button, the glucose 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 press M button at anytime to turn off the meter.



EXITING THE MEMORY MODE

Press the M button to turn off the meter.

Meter will shut down automatically after 3 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.

TRANSFER TEST RESULTS TO A COMPUTER

In order to transfer test results to your personal computer, you should install the software and connect the Meter by means of the interface cable to a serial port on your computer. The cable can be purchased in your local Distributor. The software can be downloaded from <http://diagnosis.pl/en/produkty/glucometr>. For more information please call Customer Service, contact your local Distributor or visit website of www.diagnosis.pl. Install the software on your computer. Follow the Installation instructions provided with the software. Get ready to transfer test results. When the Meter is off, connect the cable to the Meter. It will switch on automatically and „PC” will appear on the display. Then connect the other end of the interface cable to the computer. Follow the software user guide to finish data transfer. Follow the instructions provided in the software to download the results from the glucose meter.

When the transfer is finished, press the M button to switch off the glucose meter.

Note: While in the communication mode, you will be unable to perform a blood glucose test. If the glucose meter is not in the PC link mode, it will not respond to computer commands.







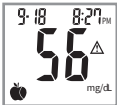

CARE AND STORAGE




1. Handle the glucometer with care. Dropping or throwing the glucose meter may cause damage to the device.
2. Do not expose the 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 into the provided carrying case.




For healthcare professionals using this system on multiple patient, please be aware that all items that come in contact with human blood should be handled as potential biohazards. Users should follow the guidelines for prevention of blood-borne transmittable diseases in a healthcare setting for potentially infectious human blood specimens as recommended in the local law.




DISPLAY MESSAGES



DISPLAY	WHAT IT MEANS	ACTION
	System check for verifying that all segments of the glucose meter are functioning.	No action necessary
	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.

DISPLAY	WHAT IT MEANS	ACTION
	<p>Indicate the result is HIGHER than the „HI alarm setting” of the health management.</p>	<p>For your reference or you can change the default setting value 100 mg/dL according to page 14.</p>
	<p>Indicate the result is LOWER than the „LO alarm setting” of the health management.</p>	<p>For your reference or you can change the default setting value 70 mg/dL according to page 14.</p>
	<p>Glucose Meter detects blood glucose level is higher than 600 mg/dL (33.3 mmol/L).</p>	<p>Indicates high blood glucose level. Repeat test. If result still occurs, consult your physician immediately.</p>

DISPLAY	WHAT IT MEANS	ACTION
	<p>Meter detects blood glucose level is lower than 20 mg/dL (1.1 mmol/L).</p>	<p>Indicates low blood glucose level. Repeat test. If result still occurs, consult your physician immediately.</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 re-testing.</p>
	<p>Temperature is low during the test procedure.</p>	<p>Result may be larger variation. Move to a warmer environment (10 - 40°C or 50 - 104°F) and wait 15 minutes before re-testing.</p>

DISPLAY	WHAT IT MEANS	ACTION
	<p>Temperature is too high to perform the test.</p>	<p>Repeat the test in a cooler setting (10 - 40°C or 50 - 104°F). Wait 15 minutes before retesting.</p>
	<p>Temperature is too low to perform the test.</p>	<p>Repeat the test in a warmer setting (10 - 40°C or 50 - 104°F). Wait 15 minutes before re-testing.</p>
	<p>An error message indicating a problem with the Test Strip.</p>	<p>Review the instructions and try again with a new Test Strip.</p>

DISPLAY	WHAT IT MEANS	ACTION
	<p>An error message indicating a problem with the meter.</p>	<p>Press „reset” button and check the meter again with the test strip. If the problem persists, contact the distributor in your country for help.</p>
	<p>Battery power is low. Glucose Meter will provide approximately 50 more measurements.</p>	<p>Replace with a new 3-Volt lithium battery (CR-2032).</p>
	<p>Battery power is too low for further usage.</p>	<p>Replace with a new 3-Volt lithium battery (CR-2032) immediately.</p>

DISPLAY	WHAT IT MEANS	ACTION
	<p>All testing values recorded in the memory have been shown.</p>	<p>Press M or S button or wait for 3 minutes to turn off the glucose meter.</p>
	<p>The setting alarm is ringing to remind of doing the blood glucose test.</p>	<p>Press M or S button to shut off or the alarm will turn off automatically after 30 sec.</p>

OTHER PROBLEMS THAT MAY OCCUR	ACTION
The Test Strip has not been inserted into the glucose meter properly.	Review the instructions and re-insert the Test Strip correctly (white side face up).
Defective Test Strip.	Replace with a new Test Strip.
Insufficient blood sample.	Repeat the test with new Test Strip.
Test Strip remains in the test port for more than 3 minutes prior to testing.	Glucose Meter will automatically turn-off. Re-insert the Test Strip to the test port.
LCD display on the meter is blank when trying to perform a test	Contact the Distributor in your country for help.

SPECIFICATIONS

Glucose Meter Operating Conditions

Temperature	10°C - 40°C(50°F - 104°F)
Humidity	10-90% RH
Hematocrit	35 - 55%
Test Sample	Capillary Whole Blood from Fingertip, Palm and Forearm
Sample Volume	>0.5 µl
Measuring Unit	mg/dL or mmol/L
Measuring Range	20-600 mg/dL (1.1-33.3 mmol/L)
Test Time	5 sec
Memory Capacity	300 most recent results
Average	7/14/30 days average results
Power supply	3-Volt lithium battery (CR-2032)
Battery Life Approximately	1000 tests
Dimension and Weight	92 x58 x19 mm ; 60 g

The ABRA Glucose Meter, ABRA Test Strip and Control Solution are in conformity with the IVDD 98/79/EC.

Manufacturer:
Diagnosis S.A.
ul. Gen. W. Andersa 38A
15-113 Bialystok, Poland
www.diagnosis.pl

In case of any queries please contact Customer Service of your local Distributor or Diagnosis. When contacting with the Customer Service, please have the ABRA glucose meter, ABRA Test Strips and other accessories. This will allow to respond to any questions effectively and quickly.

LIMITATIONS OF THE PROCEDURE

CAUTION: The ABRA System is designed for in vitro diagnostic use only and is not intended to test on newborns. Any change or administer of medication based on the ABRA blood glucose test results without the consent advice of a physician or healthcare professional is not recommended.
















The ABRA Test Strips are designed for use with fresh capillary whole blood samples obtained from the fingertip, palm and forearm. False results may occur when performing the test while severely dehydrated, severely hypotensive, in shock or in a hyperglycemic-hyperosmolar state. If you believe you are suffering from any of the above symptoms, consult a healthcare professional immediately. Producer reserves the right to implement changes without prior notice.

SERVICE AND WARRANTY

IMPORTANT: Diagnosis Inc. cannot endorse the performance of the ABRA System when used with Test Strips other than those designed for the ABRAMeter. The ABRA System manufacturer warranty is valid only when used properly within the guidelines of the provided User's Manual and is invalid when the ABRA System and ABRA Test Strip are used improperly.

WARNING! Do not use mobile (cellular) telephones and other devices, which generate strong electrical or electromagnetic fields, near the medical device. This may result in incorrect operation of the unit and create a potentially unsafe situation. Recommendation is to keep a minimum distance of 2,8 m. Verify correct operation of the device in case the distance is shorter.

Guidance and manufacturer's declaration-electromagnetic immunity			
The EQUIPMENT is intended for use in the electromagnetic environment specified below. The customer or the user of the EQUIPMENT should assure that it is used in such an environment.			
Emissions test	IEC 60601 test level	Compliance test	Electromagnetic environment - guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m		Power frequency magnetic fields should be at level characteristic of a typical location in a typical commercial or hospital environment.

	Temperature Limitation		Do Not Re-use		Batch Code
	Caution, consult accompanying documents		Keep away from sunlight		In Vitro Diagnostic Medical Device
	Use By Date		Do not use if package is damaged		Catalogue Number
	Manufacturer		Keep dry		Consult Instructions For Use
Rev.	Date Of The Last Revision		Battery		Separate Collection For Waste of Electrical And Electronic Equipment
	Contains sufficient for <n> tests	S/N	Serial Number		

 0474





 0197




This marking shown on the product indicates that it should not be disposed with other household waste at the end of its life. To prevent potential harm to the environment or to human health, please separate this product from other types of wastes and recycle it responsibly. When disposing this type of product, contact the retailer where product was purchased or contact your local government office for details regarding how this item can be disposed in an environmentally safe recycling center. Business users should contact their supplier and check the terms and conditions of the purchasing agreement. This product should not be mixed with other commercial wastes for disposal. This product is free of hazardous materials.



ABRA

BLOOD GLUCOSE MONITORING SYSTEM

 Diagnosis S.A.
ul. Gen. W. Andersa 38A
15-113 Białystok, Poland

CE 0197

www.diagnosis.pl

EN
Rev. 2020.11.17