

GastroCH₄ECK® Gastrolyzer®

USER MANUAL



Helping to detect gastrointestinal disorders, one breath at a time.

Definitions

WARNING: Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

CAUTION: Indicates a potentially hazardous situation, which, if not avoided, may result in damage to the device.

NOTE: Used to call attention to notable information that should be followed during use.

Important Information/Reminders

WARNING: Please read the manual before use.

WARNING: Breath tests must only be carried out with Bedfont® accessories. Failure to do so may cause incorrect readings.

WARNING: The mouthpieces are single patient use only. Further re-use could cause incorrect readings and could increase the risk of cross infection. The mouthpiece should be disposed of after use, in accordance with local waste disposal guidance.

WARNING: Please refer to Bedfont's infection control and maintenance guidelines for further information on infection control.

WARNING: Do not open the GastroCH₄ECK® Gastrolyzer®. This could result in bodily harm and a void in warranty.

WARNING: Please do not attempt to modify the device in any way or use accessories not specified by the manufacturer. Any attempt to do so, will invalidate the warranty and may compromise the safety of the device.

CAUTION: Never use alcohol, substances containing alcohol, or other organic solvents as these vapours will damage the sensors.

CAUTION: Ensure the device is used within the stated operating temperature and humidity ranges. Operating temperature is 15 - 35°C. Operating humidity is 15 - 90% RH (non-condensing).

CAUTION: The GastroCH₄ECK® Gastrolyzer® should be switched off once every 24 hours.

CAUTION: Under no circumstances should the device be immersed or splashed with liquid.

CAUTION: Portable and mobile RF communications equipment can affect the GastroCH₄ECK[®] Gastrolyzer[®].

NOTE: The device should be calibrated prior to first use, after transportation, and every 4 weeks.

NOTE: Bedfont[®] recommends an annual service in order to check sensor and component parts performance.

NOTE: Servicing should only be carried out by a Bedfont[®] trained representative.

NOTE: Bedfont[®] will make available on request service training to appropriately qualified personnel.

NOTE: Only technical data and no patient data is collected by Bedfont[®].

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Introduction

The User Manual provides instructions on how to operate GastroCH₄ECK® Gastrolyzer® and its accessories. It contains relevant information about the device, its uses and its care, including step-by-step instructions with screens and illustrations.

Compliance

GastroCH₄ECK® Gastrolyzer® is CE marked according to the Medical Device Directive 93/42/EEC.

Please refer to the 'Safety Information' section of this manual for more information on the compliance of the GastroCH₄ECK® Gastrolyzer®.

Intended Use

The GastroCH₄ECK® Gastrolyzer® is a portable desktop device which measures hydrogen (H₂), methane (CH₄) and oxygen (O₂) levels in expired breath samples in response to appropriate substrates. It is intended to be for multi-patient use on children and adults and used by healthcare professionals primarily in a hospital, or physician's surgery.

The expired breath can be delivered direct to the device for immediate analysis via a mouthpiece or a sample can be taken remotely via a breath-bag for subsequent analysis.

The GastroCH₄ECK® Gastrolyzer® will be used by a single patient at a time but will interface with a PC to allow a multi-patient sampling protocol to be performed.

The GastroCH₄ECK® Gastrolyzer® can be used as an aid to diagnose the following disorders:

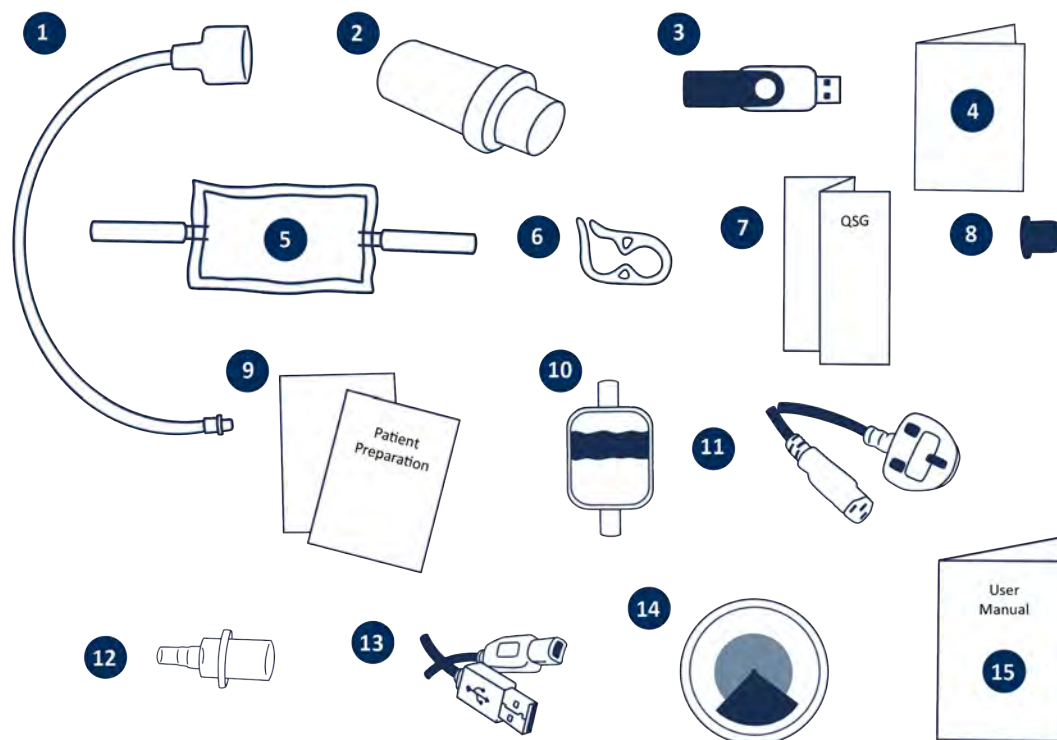
- Carbohydrate breakdown deficiency
- Carbohydrate malabsorption
- Lactose intolerance
- Bacterial overgrowth
- Determination of time of passage through gut

Specific diagnosis is not possible with this device; further specific testing would need to be carried out to diagnose a patient's condition

Contraindications

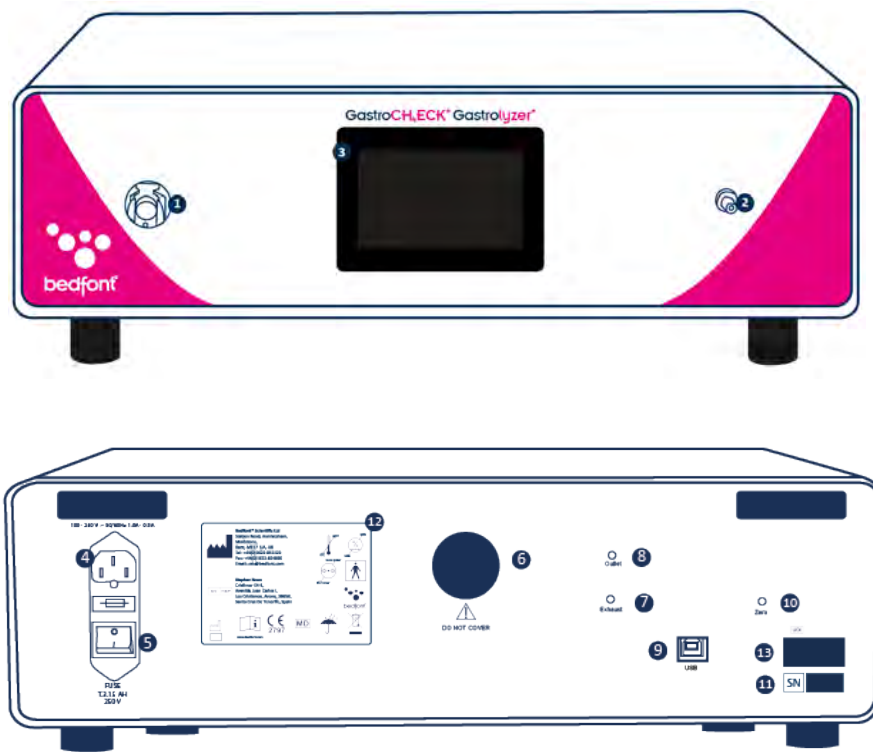
There are no known contraindications.

Parts and Accessories



1. Direct sampling line
2. Mouthpiece
3. USB with GastroCHART™ software
4. Hydrogen Breath Tests book by Ledochowski
5. Breath bag
6. Breath bag clip
7. Quick Start Guide
8. Blue plugs
9. Patient Preparation document
10. Moisture filter
11. Power cable
12. Breath bag mouthpiece
13. USB cable
14. Interpretation wheel
15. User Manual

Instrument Layout



- | | |
|----------------------------|------------------------|
| 1. Direct port | 7. Exhaust |
| 2. Breath bag port | 8. Outlet |
| 3. Full-colour touchscreen | 9. USB port |
| 4. Mains power inlet | 10. Zero |
| 5. ON/OFF switch | 11. Serial Number |
| 6. Cooling fan | 12. Manufacturer label |

User Interface



Home Screen

1. Start Breath Test button
2. Start Bag Test
3. Go to Settings Menu

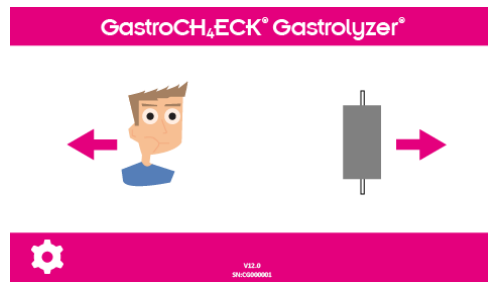
Settings Menu

1. Go to Diagnostic Page
2. Start Calibration procedure
3. Go to Service Area
4. Home Button

NOTE: The Service Area is PIN protected and must only be accessed by trained personnel:



Direct Breath Testing



Attach the sample line to the GastroCH₄ECK® Gastrolyzer® via the direct sample connector.

Then attach a new mouthpiece to the other end of the sample line.

Press the breath test icon to begin.



A timer will be shown onscreen whilst the sensors are zeroing. This may take up to 75 seconds if a test has just been carried out.

NOTE: *If GastroCHART™ is being used to record the readings, on the patient's profile click 'capture reading' now.*



The inhale symbol will be shown onscreen for 3 seconds, to prompt the user to take a deep breath.



The timer screen will be shown to prompt the user to hold their breath for the 15 second countdown.



A beep will sound during the last three seconds of the countdown.

Exhale slowly into mouthpiece when prompted onscreen.



An on-screen dial will help to guide the exhalation rate; keep the arrow pointing in the green section of this indicator throughout the test.



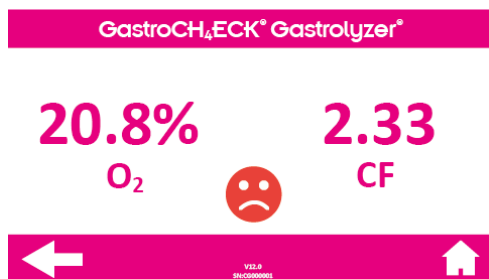
The arrow will change colour as the O₂ level in the breath sample reduces to the target 15%, at which point it will turn green and the test will automatically stop after 3 seconds.

NOTE: *If the patient is unable to exhale for any longer, the test can be ended early by pressing END.*



The final results will be shown onscreen.

Once the test is complete, the final O₂ concentration can be observed by pressing the question mark.



This will show the O₂ concentration in % and the correction factor applied to the reading if it was required. A visual indicator will help to interpret the result:

- a.  Good test, little or no correction factor applied
- b.  Satisfactory test, correction factor applied
- c.  Poor test, high correction factor applied and another test is recommended.

Press the back arrow to return to the results screen.

When finished, press 'HOME' to return to the home screen.

NOTE: *This will lose the reading; please ensure the results have been downloaded to GastroCHART™ or have been recorded manually.*

Remove the mouthpiece and sample line between tests to purge sensors with fresh air.

Analysing a Breath Bag Test



Attach the moisture filter to the device via the bag sample connector.

Press the breath bag icon to start the bag test procedure.



The device will then illustrate to attach the breath bag. Ensure to carefully remove the blue plug on one end only and attach the bag to the moisture filter, then open the clamp on that end only to preserve the sample.

Press the arrow to continue.



A timer will be shown onscreen, whilst the sensors are zeroing. This may take up to 75 seconds if a test has just been carried out.

NOTE: *If GastroCHART™ is being used to record the readings, on the patient's profile click 'capture reading' now.*



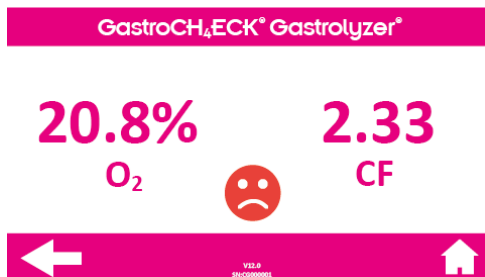
Once zeroed, breath bag sampling will begin automatically – make sure that the clamp is open. At this point, the device needs no further intervention until a reading is recorded.

The device will draw the breath sample for analysis; this will take 45 seconds, as indicated on the screen.






The final results will be shown onscreen.

Once the test is complete, the final O₂ concentration can be observed by pressing the question mark.



This will show the O₂ concentration in % and the correction factor applied to the reading if it was required. A visual indicator will help to interpret the result:

- a.  Good test, little or no correction factor applied
- b.  Satisfactory test, correction factor applied
- c.  Poor test, high correction factor applied and another test is recommended

When finished, press 'HOME' to return to the home screen.

NOTE: *This will lose the reading; please ensure the results have been downloaded to GastroCHART™ or have been recorded manually.*

Remove the mouthpiece and sample line between tests to purge sensors with fresh air.

Maintenance

Routine maintenance

WARNING: Do not open the GastroCH₄ECK® Gastrolyzer®. This could result in bodily harm and a void in warranty. Servicing should only be carried out by a Bedfont® trained representative.

1. Mouthpieces should be replaced after every patient.
2. Hands should be washed regularly in accordance with infection control practice.
CAUTION: Do not use sanitising products containing alcohol as this may damage the sensors.
3. The GastroCH₄ECK® Gastrolyzer® should be switched off once every 24 hours.
4. Only use accessories approved by Bedfont®.
CAUTION: Use of accessories not approved by the manufacturer will invalidate the warranty and may compromise the safety of the device.
5. The device must be calibrated once every 4 weeks. See the 'Calibration' section of this manual for instructions.
6. The device will provide daily reminders via the reminder screen after turning on the GastroCH₄ECK® Gastrolyzer® for 1 month leading up to the sensor change due date. Once this date has elapsed the date will turn red to indicate that sensor replacement is overdue:
 - a. The H₂ sensor should be replaced every 2 years.
 - b. The O₂ sensor should be replaced every 2 years.
 - c. The CH₄ sensor should be replaced every 5 years.

CAUTION: Use beyond this time without servicing may compromise result accuracy.

NOTE: *Bedfont® recommends an annual service in order to check sensor and component parts performance.*

Cleaning

1. Bedfont® recommends wiping the device external surfaces between each patient with an alcohol-free wipe specifically designed for this purpose. A list of approved wipes can be found here: <https://www.bedfont.com/cleaning-bedfont-devices>. The device or consumables cannot be sterilised.
CAUTION: Do not use any substances containing alcohol on or near the GastroCH₄ECK® Gastrolyzer®.
2. Under no circumstances should the device be immersed in or splashed with liquid.

Calibration

The GastroCH₄ECK® Gastrolyzer® should be calibrated every 4 weeks and will give a reminder during start-up when calibration is due. The calibration gas required is 100 ppm H₂, 100 ppm CH₄ and 20.9% O₂.

NOTE: Please allow the GastroCH₄ECK® Gastrolyzer® to be switched on for at least 5 minutes prior to calibration

NOTE: The GastroCH₄ECK® Gastrolyzer® device temperature needs to be at 21°C ± 4°C to be able to perform a calibration.



Open the settings menu and start the calibration process by choosing the calibrate icon.



First the device must be zeroed and this will happen automatically.

NOTE: Do not connect the gas at this stage.



The temperature of the GastroCH₄ECK® Gastrolyzer® is above 25°C and is too hot to be calibrated. Please move the device to a cooler area and try again later.



The temperature of the GastroCH₄ECK® Gastrolyzer® is below 17°C and is too cold to be calibrated. Please move the device to a warmer area and try again later.



Once the zero is complete, follow the calibration process as shown onscreen.

Verify calibration gas is the correct gas concentration.



Screw the gas canister into the regulator.



Attach the CaliAdaptor to device via the sample line and open the gas canister. Press the arrow to begin the calibration.



NOTE: Gas flow should be set to 1 litre per minute.



A successful calibration will be indicated by the green tick; return to the home screen.



A failed calibration will be indicated by the red cross; press the retry icon to attempt calibration again. If the problem persists, see 'Troubleshooting'. Alternatively, return to the home screen.

Technical Specification

Concentration range	CH ₄	0 - 200 ppm	
	H ₂	0 - 200 ppm	
	O ₂	14 - 23%	
Power input	230 V / 100 V, 50 Hz – 60 Hz, 0.5 – 1.0 A		
Fuse	T 3.15 AH		
Start-up time	≤ 2 minutes		
Calibration frequency	Every 4 weeks		
Display	Full colour touchscreen		
Detection principle	Electrochemical sensor (O ₂ and H ₂) Laser (CH ₄)		
Accuracy	CH ₄	Resolution	1 ppm
		Accuracy	± 10% of reading
		Repeatability	< 5% difference on consecutive readings
	H ₂	Resolution	1 ppm
		Accuracy	± 10% of reading
		Repeatability	< 5% difference on consecutive readings
	O ₂	Resolution	0.1%
		Accuracy	± 10% of reading
		Repeatability	< 5% difference on consecutive readings
Carbon monoxide cross-sensitivity (H ₂ only)	< 4%		
Temperature range	Operating	15 - 35°C (59°F - 95°F)	
	Storage	0 - 40°C (32°F - 104°F)	
Pressure range	Operating	912 - 1114mbar (Atmospheric ± 10%)	
	Storage	912 - 1114mbar (Atmospheric ± 10%)	
Humidity range	Operating	30 - 75% RH (non-condensing)	
	Storage	15 - 90% RH (non-condensing)	
Sensor operating life	CH ₄	5 years	
	H ₂	2 years	
	O ₂	2 years	
Dimensions	Approx. 474 x 310 x 135 mm		
Weight	Approx. 8.5 kg		
Device construction	Case: aluminium		
Classification	Class I ME equipment: (externally powered) Type BF applied part Method of sterilization (not suitable for sterilization) Not suitable for use in an oxygen rich environment Intended for continuous use		
Response time	≤ 45 seconds		
Warranty	2 years*		











*Subject to maintenance and service.

NOTE: At 25°C ambient temperature the expected lifetime of the device is at least 30,000 hrs. For every 10°C rise in temperature, the lifetime is reduced by half.

Using the GastroCH₄ECK® Gastrolyzer® with GastroCHART™

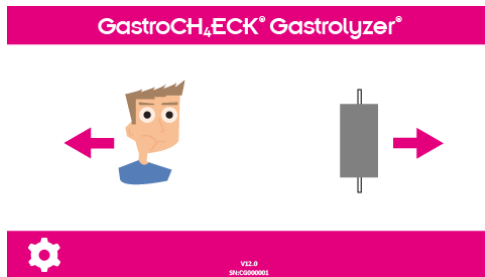
The GastroCH₄ECK® Gastrolyzer® can be used with the GastroCHART™ software, which is a free patient management software. GastroCHART™ software can be downloaded and installed from the USB that comes with the GastroCH₄ECK® Gastrolyzer®. Place one end of the USB cable into the USB port at the rear of the GastroCH₄ECK® Gastrolyzer® and the other end to the USB port on the PC. Before starting the software, ensure that the GastroCH₄ECK® Gastrolyzer® is connected to the PC and switched on. Double click the GastroCHART™ icon on the PC to start the programme. Refer to the GastroCHART™ manual for instructions on how to use the software.

Buttons

Direct breath test		Home	
Breath bag test		Settings	
Next step		Log	
Previous step		Calibration	
Test quality		Service area (PIN protected)	

Troubleshooting

When the GastroCH₄ECK® Gastrolyzer® encounters an error, it will be recorded in the log for referrals when seeking troubleshooting assistance.

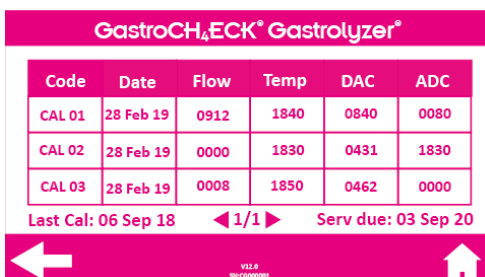


To access the log, go to the settings menu and then select the log icon.



NOTE: All errors logged are not saved in the device's memory and therefore the log is reset every time the device is restarted.

Please refer to the following list to troubleshoot any error codes:



NOTE: Calibration errors will only appear in the log and not as a separate warning. The possible errors are:

- CAL 01 = H₂ calibration fail
- CAL 02 = O₂ calibration fail
- CAL 03 = CH₄ calibration fail



Calibration due – please refer to the 'Calibration' section of this manual.



Sensor change due in 30 days.



Sensor change overdue.



The device has been running for more than 16,000 hours.



H₂ sensor zero failure: Reattempt breath test or bag test. If failure persists contact Bedfont® or their distributor for support.



O₂ sensor zero failure: Reattempt breath test or bag test. If failure persists contact Bedfont® or their distributor for support.



CH₄ sensor sync error: Press the retry button. If the error occurs more than 3 times, please restart the device. If failure persists contact Bedfont® or their distributor for support.



CH₄ sensor connectivity error: Press the retry button. If the error occurs more than 3 times, please restart the device. If failure persists contact Bedfont® or their distributor for support.



CH₄ sensor check sum/end char error: Press the retry button. If the error occurs more than 3 times, please restart the device. If failure persists contact Bedfont® or their distributor for support.



CH₄ sensor error: Check that the ambient temperature is within range and that the device is plugged correctly. Then press the retry button. If the error occurs more than 3 times, please restart the device. If failure persists contact Bedfont® or their distributor for support.



CH₄ sensor failure: Press the retry button. If the error occurs more than 3 times, please restart the device. If failure persists contact Bedfont® or their distributor for support.



CH₄ sensor reading error: Verify that no gas is flowing through the device. If gas was being used, please wait 5 minutes before attempting a new test and then press the retry button. If the error occurs more than 3 times, please restart the device. If failure persists contact Bedfont® or their distributor for support.






Calibration failed: Check calibration gas tubing is connected to the breath sampling port.

Reattempt calibration. If failure persists contact Bedfont® or their distributor for support.


Safety Information

Degree of protection against electric shock	Type BF applied part
Type of protection against electric shock	Class I equipment; (earthed)
Degree of protection against ingress of liquid	IPX0 – not protected against water ingress
Degree of safety application in the presence of a flammable anaesthetic mixture with air, oxygen or nitrous oxide	Equipment not suitable for use in the presence of flammable mixtures.
Caution	
Alternating current	
CE mark	
Type BF applied part	
Dispose of according to WEEE	
Serial number	
Keep dry	
Consult instructions for use	
Unique device identification	
Manufactured by	

Manufacture date	
Indicator of Medical Device	
Bedfont® logo	

Electromagnetic Immunity

The GastroCH₄ECK® Gastrolyzer® complies with the directive EN 60601-1-2 electromagnetic compatibility but can be affected by cellular phones and by electromagnetic interference exceeding the levels specified in EN 50082-1.

Guidance and manufacturer's declaration: Electromagnetic Immunity (IEC 60601-1-2)			
The GastroCH ₄ ECK® Gastrolyzer® is intended for the use in the electromagnetic environment specified below. The customer or the user of the GastroCH ₄ ECK® Gastrolyzer® should assure that it is used in such an environment.			
Test Type	IEC 60601-1-2 Test level	Compliance level	Electromagnetic environment – guidance
Radiated Emissions: EN55011:2016 + A1:2017 FCC Part 15 Subpart B	30MHz to 1GHz	Met or exceeded	
Conducted Emissions: EN55011:2016 + A1:2017 FCC Part 15 Subpart B	150kHz to 30MHz	Met or exceeded	
Conducted Emissions (Discontinuous Disturbance): EN55011:2016 + A1:2017 (EN55014-1)	150kHz to 30MHz	Met or exceeded	
Radiated Immunity: EN61000-4-3:2006 IEC61000-4-3:2006/AMD2:2007	3V/m (1kHz 80%) 80MHz – 2.7GHz 385 MHz 27 V/m PM 18 Hz 450 MHz 28 V/m FM 1 kHz sine 710 MHz 9 V/m PM 217 Hz 745 MHz 9 V/m PM 217 Hz 780 MHz 9 V/m PM 217 Hz 810 MHz 28 V/m PM 18 Hz 870 MHz 28 V/m PM 18 Hz 930 MHz 28 V/m PM 18 Hz 1720MHz 28 V/m PM 217 Hz 1845 MHz 28 V/m PM 217 Hz 1970 MHz 28 V/m PM 217 Hz 450 MHz 28 V/m PM 217 Hz 5240 MHz 9 V/m PM 217 Hz 5500 MHz 9 V/m PM 217 Hz 5785 MHz 9 V/m PM 217 Hz	Met or exceeded	Interference may occur in the vicinity of equipment marked with the following symbol: 
Conducted Immunity: EN61000-4-6:2014 (UD) IEC61000-4-6:2015 (UD)	3V rms(1kHz 80%) 150kHz – 80MHz 6V rms ISM and amateur radio bands	Met or exceeded	Portable and mobile RF communications equipment should be used no closer to any part of the

			GastroCH ₄ ECK® Gastrolyzer® including cables, than the recommended separation distance calculated from the equation appropriate to the frequency of the transmitter.
Voltage Dips and Interrupts: EN61000-4-11:2004 IEC61000-4-11:2005	240VAC 500ms (50Hz/60Hz) 70% @ 0° 240VAC 20ms (50Hz/60Hz) 100% @ 0° 240VAC 10ms (50Hz/60Hz) 100% @ 0°, 45°, 90°, 135°, 180°, 225°, 270°, 315° 240VAC 5s (50Hz/60Hz) 100% 100VAC 500ms (50Hz/60Hz) 70% @ 0° 100VAC 20ms (50Hz/60Hz) 100% @ 0° 100VAC 10ms (50Hz/60Hz) 100% @ 0°, 45°, 90°, 135°, 180°, 225°, 270°, 315° 100VAC 5s (50Hz/60Hz) 100%	Met or exceeded	
Power Frequency Magnetic Field: EN61000-4-8:2010 IEC61000-4-8:2012	30 A/m magnetically sensitive equipment	Met or exceeded	
Fast Transient Burst: EN61000-4-4:2012 IEC61000-4-4:2016	± 2kV	Met or exceeded	
Surge: EN61000-4-5:2006 IEC 61000-4-5:2008 Consolidated version	± 0.5, 1.0 kV L-L ± 0.5, 1.0, 2.0 kV L-E 20 s	Met or exceeded	
ESD: EN61000-4-2:2009 IEC 61000-4-2:2012	± 8kV contact ±, 4,8,15kV air	Met or exceeded	
<p>The ISM (industrial, scientific, and medical) bands between 150 kHz and 80 MHz are 6.765 MHz to 6.795 MHz; 13.553 MHz to 13.567 MHz; 26.957 MHz to 27.283 MHz; and 40.66 MHz to 40.70 MHz.</p> <p>The compliance levels in the ISM frequency bands between 150 kHz and 80 MHz and in the frequency range 80 MHz to 2.5 GHz are intended to decrease the likelihood that mobile/portable communications equipment could cause interference if it is inadvertently brought into patient areas. For this reason, an additional factor of 10/3 is used in calculating the recommended separation distance for transmitters in these frequency ranges.</p> <p>Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the GastroCH₄ECK® Gastrolyzer® is used exceeds the applicable RF compliance level above, the GastroCH₄ECK® Gastrolyzer® should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the GastroCH₄ECK® Gastrolyzer®.</p>			

Electrical Safety

WARNING: To reduce the risk of electrical shock, this device uses a three-wire electrical cord and plug to connect the GastroCH₄ECK® Gastrolyzer® to earth-ground.

To preserve this safety feature:

- Make sure that the matching wall outlet receptacle is properly wired and earth-grounded. Check that the line voltage agrees with the voltage listed on the rear label affixed to the GastroCH₄ECK® Gastrolyzer®.
- Do not install the GastroCH₄ECK® Gastrolyzer® on a ground fault-protected power source.
- Do not place containers holding liquid on or near the GastroCH₄ECK® Gastrolyzer®. If they spill, liquid may enter the GastroCH₄ECK® Gastrolyzer® and damage electrical or mechanical components.
- Only use properly rated safety fuses as described on the rear of the GastroCH₄ECK® (T 3.15 AH 250V).

Safety against risk of fire

WARNING: Fuses protect certain electrical circuits within the GastroCH₄ECK® Gastrolyzer® against overcurrent conditions.

WARNING: For continued protection against the risk of fire, replace only with the same type and rating specified.

WARNING: Only fuses with the following ratings should be applied: 250Vac, 3.15AH T, 1500A breaking capacity.

WARNING: The GastroCH₄ECK® Gastrolyzer® is not designed for use with materials capable of developing flammable or explosive vapours.

WARNING: Do not use/handle/store materials containing VOCs (volatile organic compounds) on or within the required 30cm (1ft) area surrounding the GastroCH₄ECK® Gastrolyzer®.

Mechanical safety

For safe operation of the device, observe the following:

CAUTION: Use only accessories designed for use with the GastroCH₄ECK® Gastrolyzer®.

WARNING: If the GastroCH₄ECK® Gastrolyzer® is used in a manner other than that specified in this manual, the safety and performance of this device could be impaired. Further, the use of any device other than that recommended by Bedfont® has not been evaluated for safety. Use of any device not specifically recommended in this manual is the sole responsibility of the user.

Warranty

Bedfont® Scientific Limited warrants the GastroCH₄ECK® Gastrolyzer® product to be free of defects in materials and workmanship for a period of 2 years from the date of shipment, subject to maintenance and service.

Bedfont's sole obligation under this warranty is limited to repairing or replacing, at its choice, any item covered under this warranty when such an item is returned, intact and prepaid, to Bedfont® Scientific Limited or the local representative.

This warranty is automatically invalidated if the products are altered or tampered with by unauthorised personnel, or have been subject to misuse, neglect or accident. At the end of the product's life, contact Bedfont® or its distributor for disposal instructions.



Single use consumables and accessories should be disposed of in line with local clinical waste guidelines. Never dispose of any electronic instrument or batteries in domestic waste. At the end of the product's life, contact Bedfont® or its distributor for disposal instructions.

Returns

Please contact Bedfont® or their local distributor for instructions on returning goods.

Responsible Manufacturer and Contacts

Bedfont® Scientific Ltd.
Station Yard, Station Road,
Harrietsham,
Maidstone, Kent,
ME17 1JA
United Kingdom

www.bedfont.com
www.gastrolyzer.com
ask@bedfont.com
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Our family, innovating health, for yours.

Visit www.bedfont.com/resources to view this document in other languages.



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