

GEMINI 2000

USER MANUAL



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GEMINI 2000 KEY INFORMATION



Safe working load limit:	165kg
Water capacity:	350ltr
Approximate bath weight (empty):	240kg
Bath raise (first/second):	38secs/37secs
Bath down (first/second):	37secs/38secs
Class I Electrical Device	
Power supply:	Mains 230V to be supplied via 30mA RCD
Operating voltage:	24V
Battery backup:	Yes
Water supply:	Unblended Hot and Cold water at 1 bar min pressure
A' weighted sound emission:	<70dB(A)
A' weighted sound emission with air spa system (optional extra):	<75dB(A)
Ambient temperature range:	5°C to 50°C
Relative humidity range:	10-80%
Atmospheric pressure range:	50kPa to 106kPa
BioCote® antimicrobial additive as standard, proven effective against influenza HINI, E. coli, Salmonella and CRO, CRE, VRE and MRSA	

Taps, showers and accessories are optional, please contact us for more information.

RECYCLING

Bath – made up of GRP, wood, electrical components and batteries.

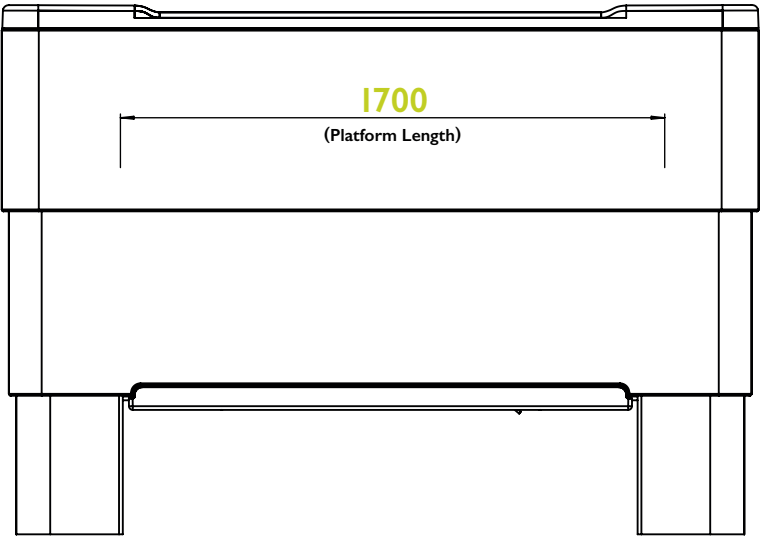
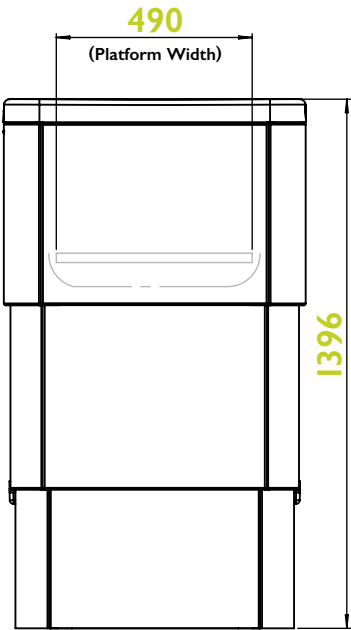
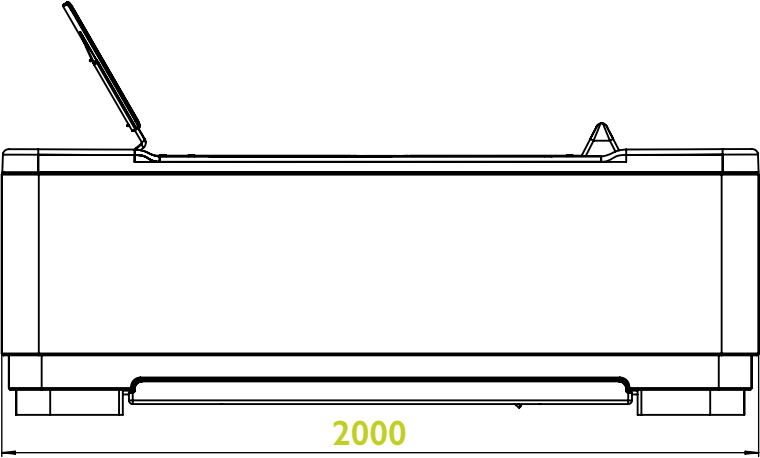
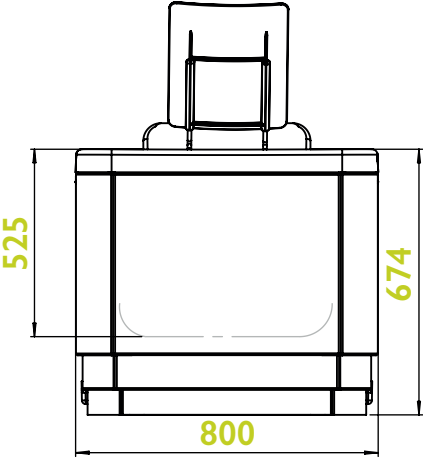
Metal and **ABS plastic** can be separated and recycled – see your local waste disposal centre.

Packaging – wood and cardboard and plastics can be recycled; see your local waste disposal centre.

TRANSPORT AND STORAGE

Make sure the bath along with all components are securely fastened to a sturdy transportation board or pallet.

DIMENSIONS



SAFETY INSTRUCTIONS

Before using this equipment you must read and fully understand this user manual.

This Gemini 2000 platform bath is intended for assisted bathing of residents in care facilities or in a home care environment. The bath must not be used for any other purpose.

This bath is designed to be used for general hygiene purposes as well as relaxation.

- ✓ Always ensure the equipment is operated by trained staff.
- ✓ Always ensure the mains electricity is switched on.
- ✓ Always keep users hands away from moving parts.
- ✓ Always ensure that the bather's hands and feet are kept away from the edges of the platform.
- ✓ Always check the position of the bather on the platform before raising/lowering the bath.
- ✓ Always have the equipment serviced regularly (contact Abacus for more information about Service Level Agreements)
- ✓ Always ensure the shower head is returned to its holder when not in use.
- ✓ Regularly clean the bath using non-abrasive cleaners.
- ✓ In instances where access is required to the underside of the bath platform, always remove platform accessories (ie, backrest, footrest) prior to manually lifting bath platform.
- ✓ Where access to the underside of the platform is required, always ensure the bath is in its lowest position prior to manually lifting the platform.

- ✓ When filling the bath, only fill to the halfway point prior to introducing the bather. If required once the bath has been raised top up the bath if required.
- ✗ Never use the bath for any purpose other than that for which it has been designed.
- ✗ Never leave the bath with the platform in a raised position.
- ✗ Never allow other equipment such as hoists to contact the bath forcibly as this may cause damage.
- ✗ Never allow items such as the shower head to remain beneath the platform when raising the bath.

MONTHLY

Test RCDs.

ANNUALLY

Servicing by Gainsborough Healthcare Group Ltd or a trained and approved company with our guidance.

NOTICES



The system batteries must be charged for 24 hours prior to using the bath. You may test the bath to ensure it is working correctly.



Ensure hands and objects are kept away from the underside of the platform and bath when in operation.

- Ensure that the floor area around the bath is kept free from excess water to avoid slipping hazards.
- Do not allow unauthorised persons to operate the bathing system.
- This bath moves. Ensure that there are no objects or persons that can become trapped or injured while the bath seat is raised or lowered.
- If this unit is to be utilised by different bathers, we would strongly recommend that it is cleaned regularly with a medical disinfectant, as well as following a strict cleaning routine.
- In the event of mains failure during use of the bath, back-up batteries will enable the bather to exit the bath. The bath will be disabled until mains power is restored.
- Never leave the bather unattended.
- Always ensure that the bather's hands and feet are kept away from any gaps around the platform.
- Ensure that the shower head is always returned to its holder after use.
- Always leave the bath in its down position.



WARNING: Risk of electric shock; do not allow electrical appliances within 1.5m of the bath.



To avoid the risk of electric shock, the equipment must only be connected to a supply main with protective earth.

Before using the bath follow these guidelines:

- Ensure the bath works fully and all safety devices actuate properly, check for cracks or damage.
- Check the basic bath functioning correctly before operation.
- Test the bath moves up and down in the appropriate manner intended.



The bath should not be switched off from the mains supply.



The bath must be connected to an appropriate power source to avoid loss of power.

The bath is simple to operate and use. Please spend a few minutes reading these instructions to familiarise yourself with its operation.

OPERATION INSTRUCTIONS

Before you use your bath for the first time run through these basics checks:

- ✓ Check that the remote is connected
- ✓ Check there is power to the bath
- ✓ Check the handset works and the bath goes up and down as intended

HANDSET

The Handset (**FIG. 1**) locates on the handset holder on the side of the bath. When not in use please ensure it is placed there to avoid damage.

The Handset comprises of four buttons and these should only be lightly pressed. The handset is safe to use with wet hands but should not be immersed in water.

FILLING THE BATH

- 1 To close the pop up waste rotate the chrome turn handle clockwise until the waste plug locates in the outlet (**FIG. 2**).
- 2 Fill the bath with water to your required level. We recommend filling the bath halfway prior to introducing the bather. Once the bath has been raised top up if required. The platform may be tilted to observe the depth of water.



CHECK THE TEMPERATURE OF THE WATER.

The temperature of the hot water is limited to 43°C for safety.

FIG. 1

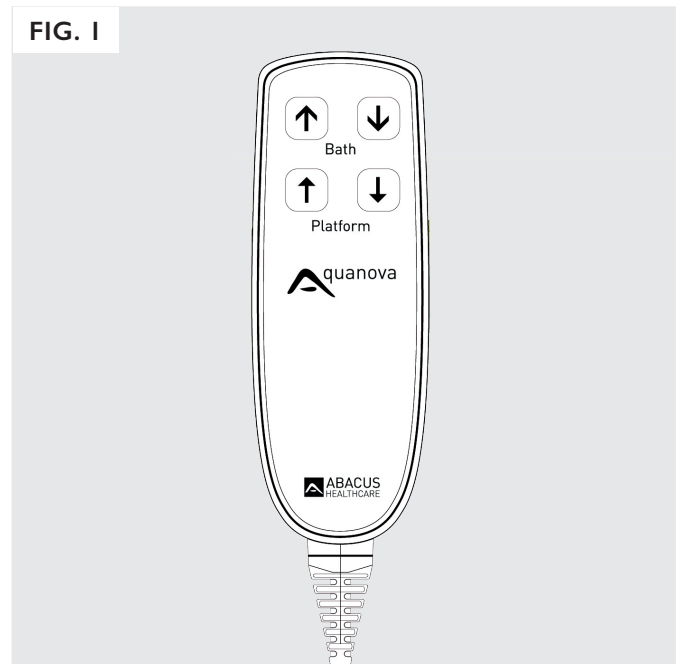
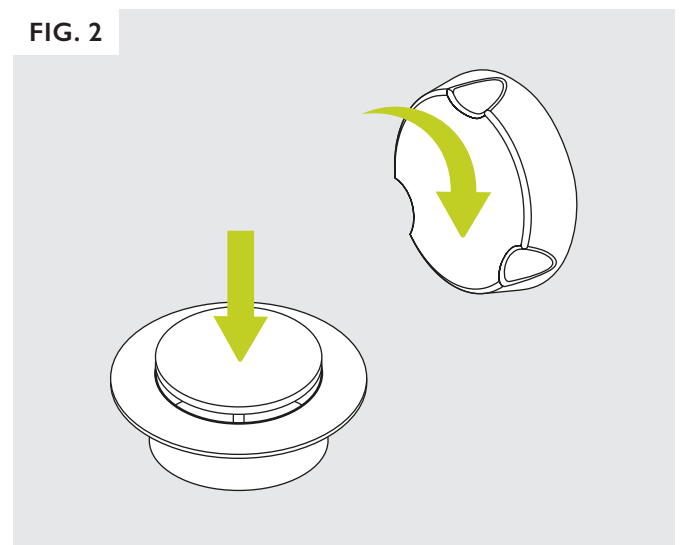


FIG. 2



OPERATION INSTRUCTIONS

BATH HEIGHT AND TRANSFER

- 1 Allow/assist the bather to transfer onto the platform (a bed type transfer for an ambulant bather) (**FIG. 3**).
- 2 With the bather seated, raise the bath around the platform and bather (**FIG. 4A**), by pressing and holding the **↑** 'Platform up' icon. The bather will now be immersed in water.
- 3 Raise the bath and platform to the most comfortable height for the carer to provide assistance (**FIG. 4B**), by pressing the **↑** 'Bath up' icon.

BATHING

- 4 When bathing is completed, lower the bath full of water to below the level of the platform (**FIG. 5A**), by pressing and holding the **↓** 'Platform down' icon.

The platform may be used for drying/dressing prior to transfer (or at anytime). The height of the platform may be adjusted to the optimum height for the carer by pressing and holding the **↓** 'Bath down' icon.

- 5 Assist to towel dry/dress the bather.
- 6 Lower the whole bath to the desired user transfer height (**FIG. 5B**) for easy transfer (ambulant or hoist) by pressing and holding the **↓** 'Bath down' icon.
- 7 Allow/assist the bather to transfer off the platform (see transfers – (**FIG. 11**) on **PAGE 13**).
- 8 Empty the bath using the pop up waste by turning the handle anticlockwise.
- 9 Prepare the bath ready for the next bather (clean, disinfect etc).

FIG. 3

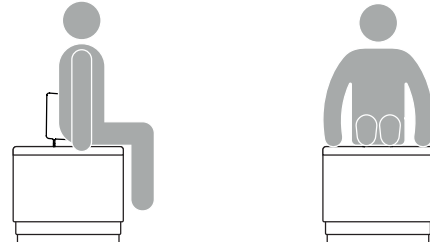


FIG. 4A

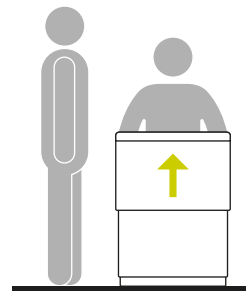


FIG. 4B

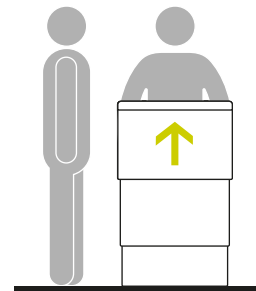


FIG. 5A

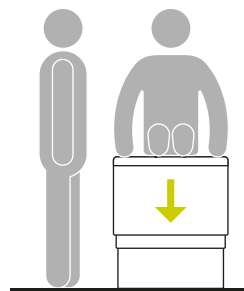


FIG. 5B

OPERATION INSTRUCTIONS

BACKREST

The bath comes complete with a removable high rise supportive backrest and mesh cover (**FIG. 6**).

The backrest has been designed to offer a comfortable position for the bather to suit a variety of user needs.

Use of the backrest is dependent on the individual user mobility and situation.

Removing the back rest is simple, lift it out of its location holes and place it in a clean and safe place until required again.

The Gemini 2000 has three different positional locations to suit the individual bathers needs.

PLATFORM HINGE-STAY

The bath hinge-stay prevents the platform lowering once lifted to an upright position (back and footrest must be removed).

This safety feature enables the inside of the bath to be thoroughly cleaned without the need for the platform to be manually held up, leaving the cleaner to use both hands.

To open the platform:

- I Lift the platform to the fully open position and lower slightly (**FIG. 7A**). Hinge-stay will engage.

To close the platform:

- I Lift the platform the fully open position, then immediately fold out the hinge-stay (**FIG. 7B**) to disengage.

Slowly lower the platform to the horizontal position.

FIG. 6

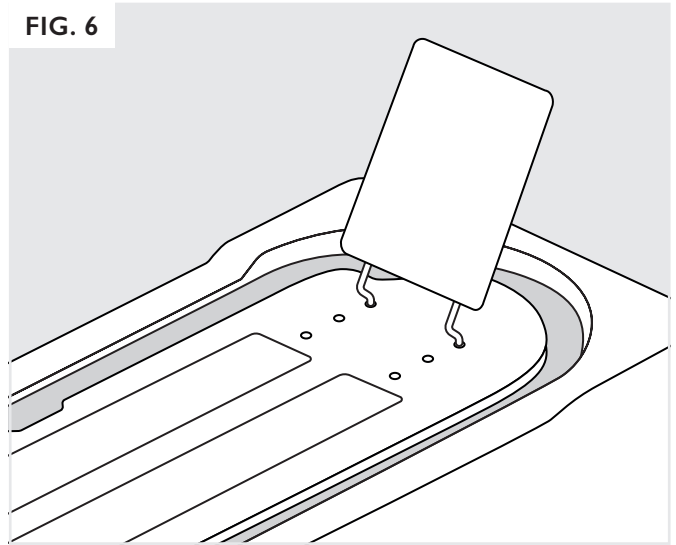


FIG. 7A

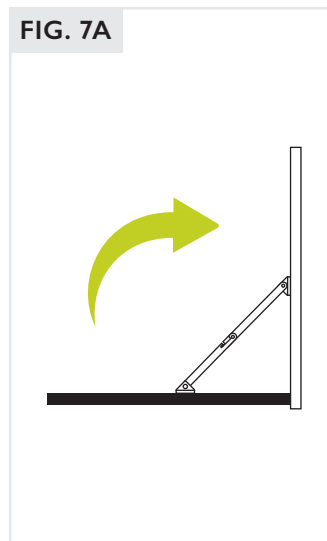
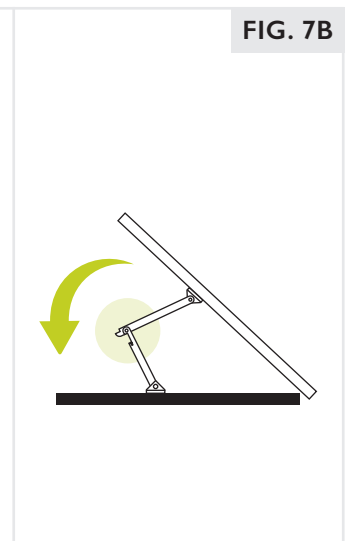


FIG. 7B



OPERATION INSTRUCTIONS

SAFE EDGE OBSTRUCTION SENSOR

The underside of the bath is fitted with a obstruction sensor for added safety (**FIG. 8**).

Whilst in use, upward pressure on the underside of the bath will activate the sensor. Immediately stopping motion.

In the event of sensor activation, the bath can be raised as normal to allow the obstruction to be removed.

Normal use can now continue.

FOOTREST (OPTIONAL)

The bath footrest option (**FIG. 9**) can be used in conjunction with the supplied headrest to help support the bather in the desired position on the platform.

The footrest has three adjustable positions, and can be easily removed when not required.

Adjusting the footrest is simple, lift the footrest free of the platform and locate to a preferred position along the platform.

FIG. 8

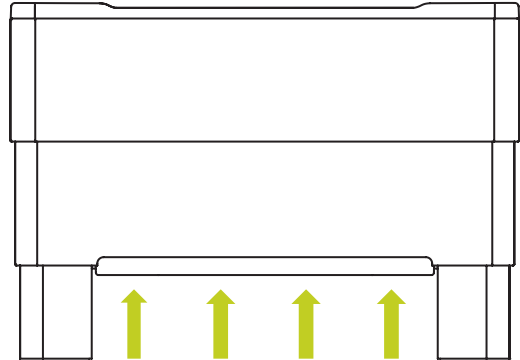
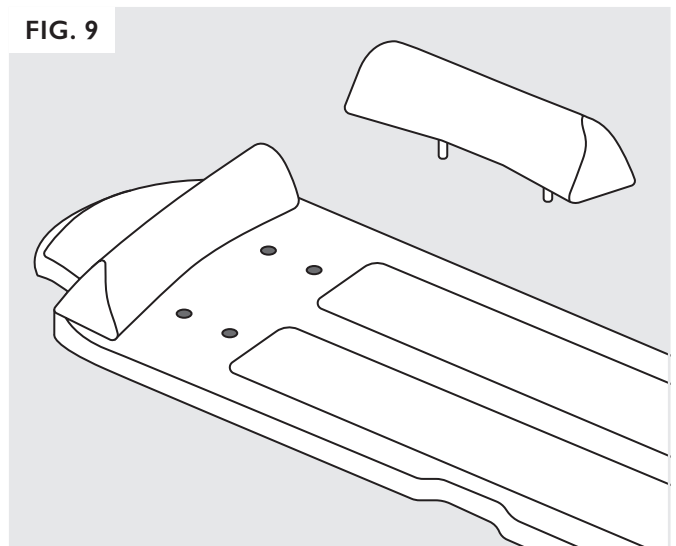


FIG. 9



OPERATION INSTRUCTIONS

PLATFORM SAFETY LOCK

The bath comes with a platform safety lock as standard, this ensures that the platform is secured when in the down position.

The safety lock is sited on the left hand working side underneath the platform (**FIG. 10A**).

To lift the platform reach down with your hand in-between platform and bath rim.

Pull the plunger towards to you and lift the platform with both hands (**FIG. 10B**).

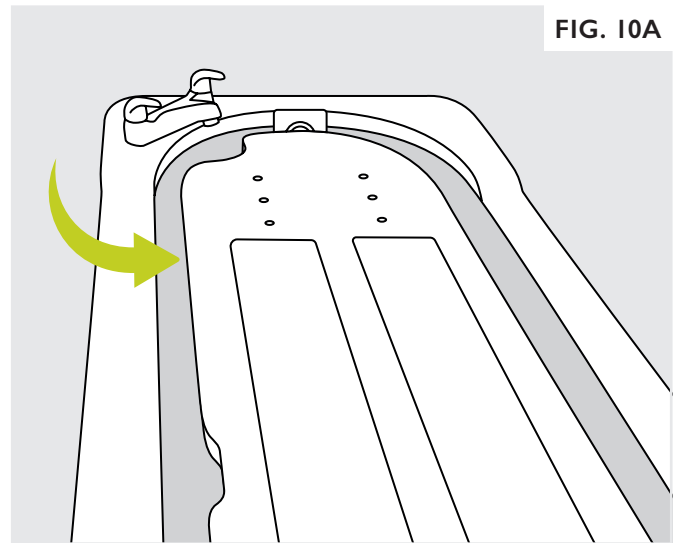


FIG. 10A

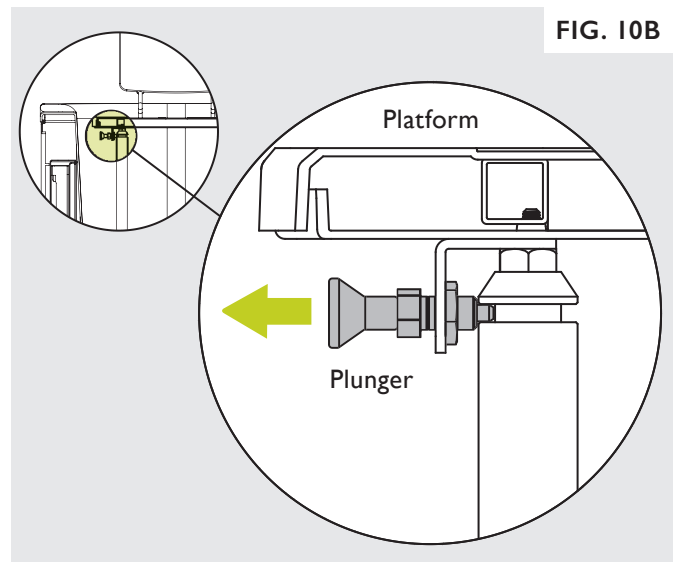


FIG. 10B

ACCESSORIES

STANDARD ACCESSORIES

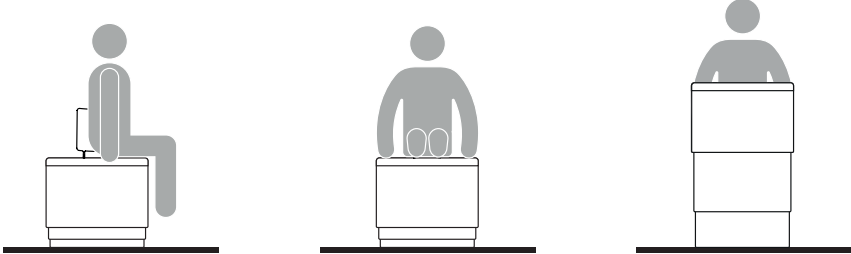
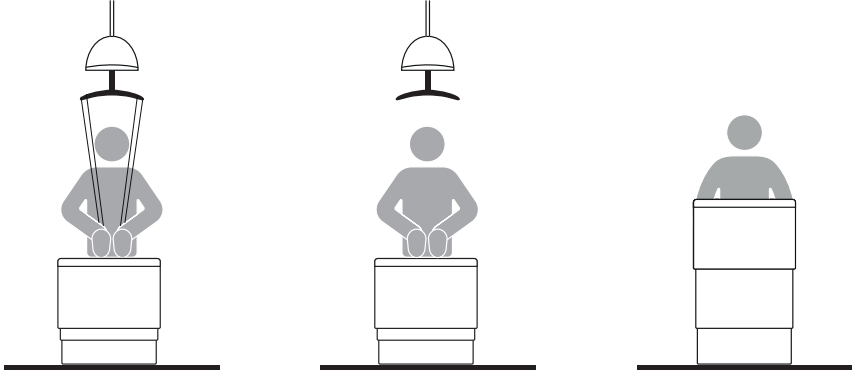
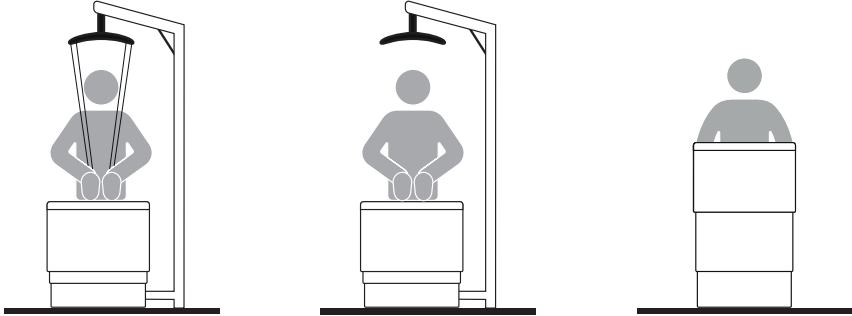
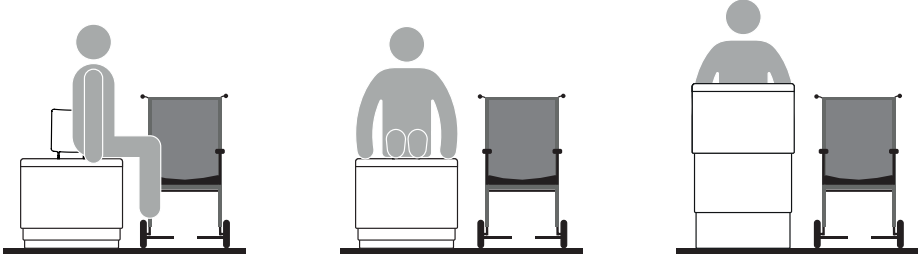
Back rest and back rest cover.

OPTIONAL ACCESSORIES

Cushions, postural supports, safety rail, taps and or shower. Sensory options such as Air Spa, lights and sound are also available. Please contact us for more information.

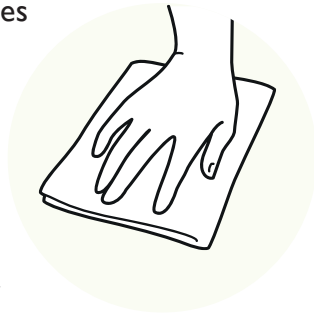
TRANSFERS

NOTE The below diagram is for guidance only. Always ensure carers are trained in the appropriate transfer techniques and equipment that may be used in conjunction with the bath.

<div>FIG. 11</div> <div>A. Ambulant</div>	
<div>B. Ceiling track hoist</div>	
<div>C. Mobile/portable hoist</div>	
<div>C. Wheelchair</div>	

CLEANING INFORMATION

The Gemini 2000 bath does not require any major maintenance, but you should follow these simple instructions.



- Lift the platform and ensure that it is properly cleaned on its underside. See **PAGE 10, FIG. 7A/7B** for operation guidance on the platform hinge-stay bracket.
- The bath should be wiped down, preferably whilst the bath is draining, with a soft, damp cloth.
- To retain the surface quality of the bath, clean weekly using bathroom cleaning mousse or washing-up liquid. Warm water and a soft cloth is recommended. Stubborn stains may require a non-scratch liquid cleaner.
- ✗ **Do not use oven cleaners, scouring powders or bleach on any of the surfaces. These may spoil the appearance of your bath.**
- Chalk mark deposits from the water or mild scratches may be removed from the bath surface with a mild cutting fluid such as 'T' Cut or Brasso. This should be applied to the affected area with a soft cloth and rubbed vigorously until a satisfactory finish is affected. The shine to the area may then be brought back using a wax-based polish.



WARNING! If this unit is to be utilised by many different bathers, we would strongly recommend that it is cleaned regularly with a medical disinfectant as well as following a strict cleaning routine.

BIOCOTE

Gainsborough Specialist baths feature integrated BioCote antimicrobial technology.



This silver-ion based technology has been proven to reduce harmful bacteria by up to 98% within care homes and hospitals. It continues to provide 99.9% 24/7 protection against harmful superbugs such as Influenza H1N1, E.coli, Salmonella and antibiotic resistant MRSA.

The hidden dangers of infectious superbugs are a growing threat, particularly as traditional disinfectants are becoming ineffective against evolving microbes. When you consider vulnerable individuals can be more susceptible to infection, then the need for BioCote whilst bathing is vital. Reducing the risk of illness and cross contamination means less medical intervention is likely outside of the bathroom – reducing pressure and stress on everyone affected by disability.

The Gainsborough Healthcare Group believe in providing wellness with peace of mind so bathing is enjoyable and therapeutic.

BioCote is not a coating, it is integrated into bath material during the bath manufacture so cannot be wiped or worn away. Therefore, it provides consistent, infallible protection throughout the life time of the bath. This invisible component reduces stains, odours and enhances bath surface durability.

TROUBLESHOOTING



Some basic checks are detailed below. If in doubt contact service support on Tel: 01527 400024

Bath Does Not Move

- Check power
- Check fused spur to ensure there is power to the unit.
- Ensure the RCD is working and has power to it. To test the RCD push the test button; the RCD should interrupt power and the switch should trip. Push the RESET button; power should be restored. If the RCD fails to operate in this manner there is a problem with the electric supply and the service department should be contacted.

If mains power is interrupted the bath will only work on battery backup. The bath will continue to operate but as the batteries become low the bath will emit an audible beep when the handset is used.

Once the warning beep starts, lower the bath and do not use until the fault is rectified. Check handset is plugged in and the bath is in its lowest position. Restore power and leave for 3 hours to fully charge batteries.

Bath Judders

- Usually occurs if the bath has not been fixed to the floor correctly or the bath is not level.
- The seals may require a service, replacement or lubrication top up.

Bath Noisy

- Check to ensure there is nothing touching the bath while it moves
- Ensure the pipe-work and cables are free of the panels and not rubbing against the framework
- Check panels are free to move and are not touching each other.

Bath Leaking

- Make sure the platform stay brackets have been removed and the platform is in its horizontal position before raising the bath.
- Look for source of leak – typically caught flexi-hose on feed or waste. This can usually be remedied by your own maintenance contact.

Bath Is Uneven (one end higher than the other)

- This may occur after a power failure. Use the DOWN button on the handset. Lower the bath to its lowest position. This will automatically reset the bath so that both sides rise together.

Bath Beeping

- Mains power has failed to the unit – See section titled 'Bath does not move'

Bath Panels Touching/Noisy

- If the upper and lower panels touch, marking will occur. Adjust panels as necessary to correctly align.
- Make sure all panels are free from obstruction, ie, shampoo bottles, bath toys, mop buckets etc.

WARRANTY

If the bath is installed by a 3rd party we highly recommend that it is commissioned by a Gainsborough Healthcare Group Ltd engineer.

Our bath products are guaranteed for a period of twelve months from the date of delivery.

All parts are covered against defects that may arise as the result of faulty materials, inferior workmanship or construction.

The baths are not covered for any problems that may arise from the installation or site planning unless carried out by our installation team from Gainsborough Healthcare Group Ltd.

Any consequence arising from unskilled or incorrect handling of the product is not covered by this guarantee.

The following items, when supplied by Gainsborough Healthcare Group Ltd are guaranteed for a period of twelve months from the date of supply for the parts only (labour costs are not covered).

- Taps and mixers
- Shower hoses, shower heads and shower brackets.
- Flexible pipes including waste outlet, hot and cold supply.

Hot and cold taps and mixer taps are proprietary fittings and as such carry a standard manufacturer's warranty.

NOTE Thermostatic mixing valves must be adjusted for the appropriate discharge temperature by the installer. These require regular maintenance for which Gainsborough Healthcare Group Ltd service team is available.

Electrical

All electrical components fitted to Gainsborough Specialist Bathing are CE marked to comply with current Standards.

Electrical items must not be replaced with alternative components without the authorisation of Gainsborough Healthcare Group Ltd.

Failure to obtain such authorisation will exempt the Company from any liability to action for further failure.

IMPORTANT SAFETY NOTICE

Your bath supplied by the Gainsborough Healthcare Group Ltd is part of a range of products designed and built for care homes, hospitals and other specialist care environments.

Please ensure you read and thoroughly understand this user manual. This information is vital to ensure correct operation and that the bath functions in the intended manner, in the interest of safety at all times, for both bather and operator.

To ensure best practice and safety the bath must be operated only by a trained professional with adequate understanding of the specific environment, its common practices and processes. It is vital that regular assessments of the bather are undertaken to ensure the bath or product remains suitable. Gainsborough Healthcare Group Ltd does not take responsibility for individual product suitability; this is the duty of the care facility.

This bath is for hygiene and relaxation purposes only. Any other use is not recommended.

Depending on configuration our baths may have sensory features installed; these are for the enjoyment and relaxation of the bather. To ensure these features are used in the correct manner the bathers' condition must be assessed prior to operation.

To avoid entrapment make sure that the path of movement is free from obstacles. Make sure the bather retains a comfortable and safe reclined position. To avoid injury, do not leave the bather at any time. To ensure the safety of the bather they must remain sitting on the platform whilst the bath is in use. The bather must not dismount the bath whilst the bath sides are raised. This could potentially put the user at risk, causing serious injury as well as damage to the product. Gainsborough Healthcare Group Ltd does not take any liability if misused in this manner.



WARNING! No modification of this equipment is allowed.

Gainsborough Healthcare Group Ltd is not responsible for any safety incidents or functional performance issues arising from a result of modifications. If you have any questions regarding the user manual or operation of the bath feel free to contact our support team on the below number:



Abacus Healthcare – 01527 400024

There is no other warranty expressed or implied including, but not limited to, those of merchantability and fitness for a particular purpose.

The foregoing warranty is limited to the time period specified from the time of receipt. In no event shall the supplier be liable for any special, incidental, punitive, or consequential damages including but not limited to; loss of use.

While this warranty gives you specific legal rights you may also have other rights which this warranty does not exclude you from.

Gainsborough Healthcare Group Ltd operates a policy of continuous product development and reserves the right to change specifications and designs without prior notice.

Declare that:

Conforms to the following Directives:

- and has been designed and manufactured to the relevant parts of the following standards:

- I hereby declare that the equipment named above has been examined and tested and found to comply with the relevant sections of the above reference specifications. The products comply with all the essential requirements of the Directives.

.....

14/02/2022

Date

KEY TO LABEL SYMBOLS



Read instruction manuals and accompanying documents.



This product is powered.
Warning dangerous voltage.



Application part "Type B" according to DIN EN 60601-1.



No domestic waste.
Separate electrical and electronic components for recycling in accordance with European Directive 2012/19/EU (WEEE).

IPX3

Protection Class (ie, the product is protected against spraying water).



Type of protection: Class I.

UK CA

UK Conformity Assessed marking.

NOTE If any serious incident occurs in relation to the device this should be reported to the manufacturer and the competent authority in which the user and/or patient is established.

On request Gainsborough Healthcare will supply circuit diagrams, component part lists, descriptions, calibration instructions, or other information that will assist service personnel.

Expected lifetime of the product: 8 Years when adhering to our service and maintenance guidelines.

Gainsborough Healthcare Group

Life enhancing bathing



ABACUS
SPECIALIST BATHROOM SOLUTIONS

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