

# Instructions for Use



## Innovation Range

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## **WARNING**

**To avoid injury, always read this Instructions for Use and accompanied documents before using the product.**



**Mandatory to read the Instructions for Use**

This Instructions for Use document applies to the following products:

**Product Name**

**Innovation Deluxe 2 Section**

MG2475, MG2675

**Innovation Deluxe 3 Section**

MG3475, MG3675

**Innovation Deluxe Dialysis**

MG3490, MG3690

**Innovation Deluxe Daycare**

MG3493, MG3693

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## 1. General Information

**CONGRATULATIONS** on the purchase of your new **SEERS MEDICAL** product. If these operating instructions are adhered to, the product will provide many years of safe use.

If these operating instructions are not followed, your warranty could be invalid!

Always keep these Instructions for Use available for reference.

All User Interfaces are identified by the **DARK GREY** colour.

### Intended Use

The Innovation Range is suitable for medical examination and minor treatment procedures. The product needs to be operated by trained medical personnel or a clinician. The Innovation Range has a safe working load of 250KG / 551lbs.



## WARNINGS!

Warnings identify potential hazards which if not followed correctly, could result in serious injury, or possibly death!

- Ensure electric couches are not used in the presence of flammable gasses such as an anaesthetic agent.
- DO NOT EXCEED the Maximum Safe Working Load of the product.
- The safe working load is identified on the safe working load label.
- Patient load must be distributed evenly across the working surface.
- Do not concentrate uneven weight on either side of the couch.
- When the plug is disconnected, this acts as a disconnect device.
- Use only accessories that have been designed or approved for use with this product.
- Children must not play with the product at any time.
- Adequately supervise children in the proximity of the product.



## CAUTIONS!

Cautions identify circumstances which if not followed correctly, could result in failure or damage of the equipment!



**Attention! Refer to these Instructions for Use for further information.**

## 2. How To Use

### a. Wheel System - Large Mobile Wheel Design (*Models MG2675, MG3675, MG3693, MG3690*)



**Wheel Lever  
RED Down**  
Castors locked.



**Wheel Lever  
GREEN Down**  
Directional Steering  
castor engaged at  
rear of couch.



**Wheel Lever  
Horizontal**  
Castors unlocked.



#### **CAUTION!**

Ensure Castors are LOCKED prior to Patient use.

**b. Wheel System - Independently Braking Castors** (*Models MG2475, MG3475, MG3493, MG3490*)



**Castor Unlocked**



**Castor Locked**



**CAUTION!**

Ensure Castors are LOCKED prior to Patient use.



## c. Adjusting the Height of the Couch

### Electric Elevation (-CPR or -CPRFS)



Hand Switch



Foot Switch

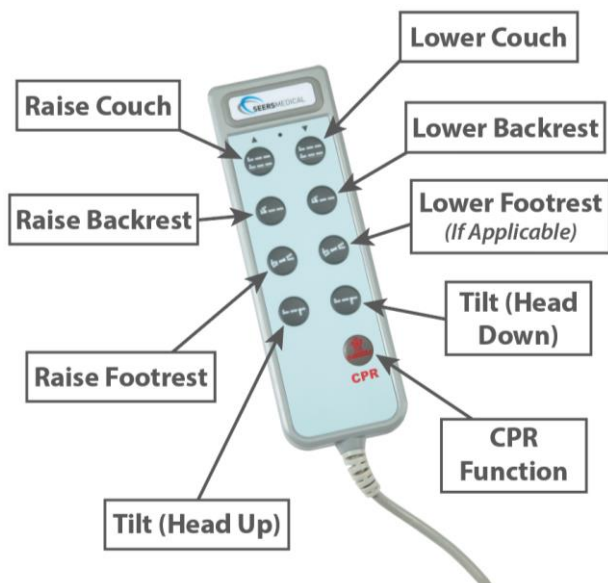
### Raising the Couch

- To elevate the couch, push the UP button on the hand or foot switch.
- Once the desired height is achieved, release the button.
- On releasing the button, the couch is locked at the desired position.

### Lowering the Couch

- To lower couch, push the DOWN button on the hand or foot switch.
- Once the desired height is achieved, release the button.
- On releasing the button, the couch is locked at the desired position.

#### d. Adjusting the Backrest, Footrest & Tilt



To adjust the couch, simply press and hold the corresponding key to raise or lower.

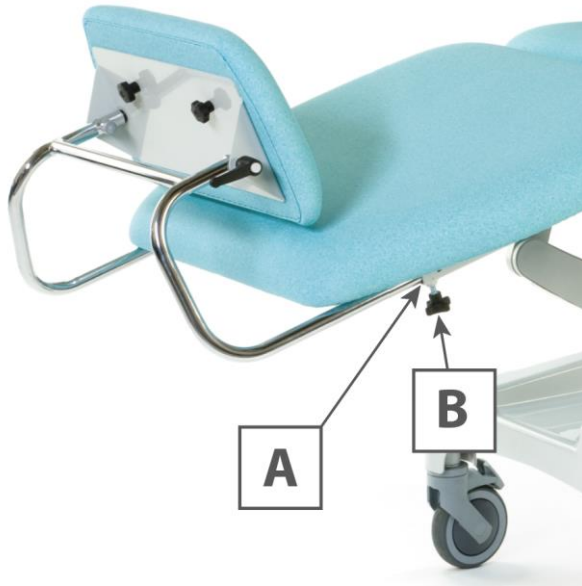
Once correct position is achieved, simply release the button and the couch position is locked.

Please note, the control box is fitted with a micro-processor, which is programmed to not allow the couch to be put into positions it shouldn't. For example if the head section was negative, and head tilt down was applied, when the couch was too low, the backrest will raise, stopping the section being driven into the floor, or causing entrapment.

Pressing the CPR button quickly moves all sections to horizontal and levels the couch from any tilted position, facilitating the couch ready for CPR in an EMERGENCY situation, if required.

## e. Using the Footboard

1. To adjust the position of the footboard, simply loosen the locking knobs (A) on both sides of the foot frame and slide the footboard in or out of the receiving frame.
2. Re-tighten locking knobs (A) to secure the footboard in the new desired position.
3. It is important the locking knobs (A) are fully tightened so the footboard does not slide out when used with a patient.
4. To remove the footboard, loosen both locking knobs (A), then ensure the safety button lock is activated, by depressing into the hole (B) and slide the footboard out of the frame



### **CAUTION!**

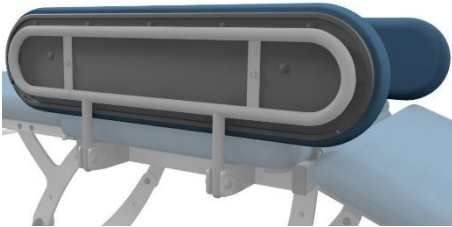
Ensure Leg Rests are secure and tightened fully, prior to commencing treatment.

## f. Side Supports & Rails *(Optional Accessories)*



### **WARNING!**

Children must not play with the couch at any time.  
Adequately supervise children in the proximity of the couch.  
Ensure the Side Support Rails are Fully Engaged into Socket, prior to use.



To **Raise** the side support rail, simply lift, and rotate 180 degrees, and then engage fully into socket.

To **Lower** the side support rail, simply lift out of socket, and rotate down 180 degrees to disengaged position.

## g. Paper Roll Holder



To fit and change the paper towel, simply spring the frame outwards, and remove the tube.

Place the towel roll onto the tube and refit into paper towel holder, by springing frame out gently. Releasing the frame once the tube is in place.

## h. Upper Limb Support (*Optional Accessories*)



1. To adjust position of Arm Support Pad, undo the locking clamp on underside of pad anticlockwise.
2. Once loosened, move pad to desired position and re-tighten locking clamp to secure.
3. If height adjustment is required, undo the locking clamp on the vertical stem.
4. Once loose, adjust height of stem to raise or lower pad accordingly.
5. Once at right height, re-tighten locking clamp to secure.

## i. IV Pole (*Optional Accessories*)



1. To attach the IV Pole, undo the locking clamp on slider and insert the iv ole into the fixing hole
2. Once located in the hole, re-tighten locking clamp to secure.
3. If adjustment is required, undo the locking clamp on the underside of the slider mounting bracket.
4. Once loose, adjust slider in or out of slider bracket.
5. Once at right position, re-tighten locking clamp to secure

## j. Fold Down Arm Supports (MG3493, MG3693)



### WARNING!

Children must not play with the couch at any time.  
Adequately supervise children in the proximity of the couch.  
Ensure the Side Support Rails are Fully Engaged into Socket prior to use.



To **Raise** the side support rail, simply lift and rotate 180 degrees, and then engage fully into socket.



To **Lower** the side support rail, simply lift out of socket and rotate down 180 degrees to disengaged position.

The armrests can also be easily removed by un-doing the attaching knobs on the reverse side of the upholstered pad - to ease cleaning.

### 3. Cleaning Instructions



#### **WARNING!**

Disconnect the couch from the mains power supply prior to carrying out any cleaning or decontaminating.

**DO NOT SATURATE PRODUCT!**

**IF THE PRODUCT GETS SATURATED DURING CLEANING, THIS COULD ACCELERATE CORROSION, REDUCING PRODUCTS LENGTH OF SERVICE.**

#### **Coffee, tea etc spills**

Use an absorbent white cloth or piece of paper. *DO NOT RUB*. Allow the stain to be absorbed and removed from the material surface. Then rub gently with white tissue paper in circular movements to remove any remaining dampness and residue.

#### **Stain Removal**

Blot excess liquid as quickly as possible with a clean 100% cotton white absorbent cloth or sponge. If necessary, use clean warm water. Clean the entire area where the spot occurred on the cushion, arm etc. Water may dissolve dirt particles and make cleaning easier. Spills that are still moist are the easiest to remove. Leave to air dry naturally, do not use a hair dryer etc to speed up the drying.

#### **Ink, Ball point pen, Denim, hard stains**

Rub the stain by means of gentle circular movements with tissue dampened with 96°alcohol and water (1:1) After this rub the surface with gentle circular movement with tissue paper to dry it.

## **Butter, oil, grease stains**

Wipe excess butter, oil, or grease off the surface with a clean 100% Cotton white dry cloth. Use a soapy cotton cloth and gently rub the stain with circular movements. Use a clean damp cloth to wipe the area and dry the surface.

## **Chewing gum**

Place ice cubes in a plastic bag and apply on the chewing gum. Wait several minutes, lift the ice bag, and remove the chewing gum.

**DO NOT USE CHEMICALS, SADDLE SOAP, CLEANING SOLVENTS, FURNITURE POLISH, OILS, VARNISH, ABRASIVE CLEANERS OR AMMONIA IN WATER.**

Frequency of routine couch cleaning will depend on exact application.

1. Ensure the couch is in a suitable area for cleaning.
2. The couch must be OFF the wheels.
3. Disconnect from mains power supply if electric model.
4. Control handsets can be wiped over using an alcohol wipe.
5. Prepare a solution from the guidelines detailed above.
6. DO NOT SATURATE PRODUCT – This should be a wipe down – not a soaking!
7. Start by cleaning the top surface of the couch, working down onto the frames below, ensuring to not accidentally activate any of the release levers, or user interface parts.
8. Ensure the couch is dry before re-use.
9. Safely discard of cleaning materials.
10. Wash hands thoroughly.

If *DECONTAMINATING* the couch then repeat steps above using a dilute Hypochlorite & warm water mixture (mixed at 10,000ppm) instead of warm water and soap.



It is crucial that any staining is treated as soon as possible but never later than 24 hours. Delays in cleaning will give stains time to react with the plasticiser in the faux leather making it more and more difficult to remove.

**Note:** These are recommended or suggested methods of cleaning. The manufacturer is not responsible for damage incurred while cleaning. Always try the cleaning method in a hidden area first to see the results. Remember, if you are not sure, contact your customer representative first.

## 4. Maintenance



### WARNING!

Disconnect the couch from the mains power supply prior to carrying out any maintenance. All electrical maintenance should be performed by a suitably qualified person. BLUE or BROWN wires must not be connected to any earth terminal.

Actions to be done by clinician	Daily	Weekly
Check the power cable and connecting leads on hand and foot switch controls, looking for any cuts, abrasions or any other deterioration that may have occurred and replace if necessary		•
Visually check castors		•
Visually check power supply cord and mains plug		•
Examine the accessories (if applicable)		•
Visually check the upholstery	•	
Check hinge pins are secured correctly by the e-clips. IF THESE ARE MISSING, DO NOT USE!		•
Check hydraulic pump for smooth operation and any signs of leakage		•
Check gas strut controls and moveable sections for their full range of movement for locking.		•

If the result of any of these tests is unsatisfactory, contact your customer service representative.

Actions to be done by qualified personnel	Min Once a year
Carry out a full test of all electrical couch positioning functions (backrest, height, etc.)	•
Check operation of the backrest/footrest. Check gas struts operate smoothly and correctly throughout all ranges of movement. The upholstered section should lock once the release lever is no longer operated.	•
Examine the power supply cord and mains plug; if damaged, replace the complete assembly; do not use a rewireable plug.	•
Examine all accessible flexible cables for damage and deterioration.	•
Check all accessible nuts, bolts and other fasteners are present and correctly tightened.	•
Look for any visual signs of damage. Ensure all nuts, bolts and other fasteners are present and fitted where expected. If loose (can be undone by hand), re- tighten using suitable tools – but taking care to not over tighten as this could cause binding, juddering, identifiable by a likely creaking noise.	•
Check any accessories fitted to the couch, paying particular attention to fasteners, and moving parts.	•
Ensure that the mains power supply plug is attached securely to the control box.	•
Check mains plug connections are tight and the correct fuse is fitted to the mains plug, if applicable.	•

## 5. Warranty and Product Lifetime

**SEERS MEDICAL** Limited standard terms and conditions apply to this device.

A copy of this is available upon request. This contains full details of warranty terms and does not affect your statutory rights.

For any further information on this product, regarding spares, warranty, service, or maintenance information, please contact:



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Manufactured in the UK by **SEERS MEDICAL** Limited.

As part of our ongoing development programme **SEERS MEDICAL** Limited reserves the right to modify specifications and materials of this couch without prior notice.

### Product Lifetime


The lifetime of this equipment is typically 12 years from the manufacturing date. “lifetime” is defined as the period during which the product will maintain the specified performance and safety provided it has been maintained and operated under normal condition in accordance with the requirements stated in this manual.

## 6. Troubleshooting


Fault	Possible Cause	Solution
Electrical functions not working correctly	Mains cable has become disconnected, either from the wall socket or the control box	Locate control box and see whether the power light is illuminated and that the lead is connected at both ends.
	Fuse blown in mains plug	Locate control box and see whether the power light is illuminated, if not replace fuse.
	Actuator/handset leads not plugged in	Check plugs for loose connections on the control box and the actuators
	Damage to mains cable, actuator cable or handset cables	Turn off at mains power and contact <b>SEERS</b> or local distributor for spare parts.
	Safe working load exceeded	If the couch has been overloaded, it is possible to damage the actuators and control box. Contact <b>SEERS</b> or local distributor for spare parts or repair if this has occurred.
	Duty Cycle exceeded	The couch is designed to work for short periods and then rest, check technical data for duty cycle info at the back of this booklet.
Couch raises or lowers on its own	Switch stuck. If an EPFS model, ensure all segments of the foot bar system are not jammed and operate freely. Ensure no surrounding furniture is also engaging on the switch system	The electrical control system is not designed to have the switches depressed for long periods of time. If the switch is left pressed on, then this can result in the control box being damaged. This could result in the control box needing to be replaced

Mechanical faults		
Squeaking or grinding noise	An over tight pivot point either a bolt or pin is not rotating freely.	Locate the noisy pivot point, then slacken the securing nut by $\frac{1}{4}$ turn and lubricate until noise reduces.
Wheels will not raise or lower	Couch is not on level floor	Level couch by adjusting the adjustable foot if fitted.

## 7. Technical Data - Innovation Deluxe 2 Section

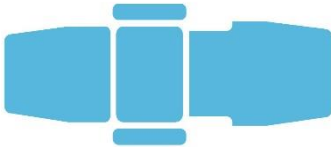
Index / Model	MG2475	MG2675
Configuration		
Elevation Control	Electric	
Backrest	Electric	
Wheel System	Independently Locking Wheel Design	Large Central Locking Wheel Design
Min. Height	47cm	
Max. Height	97cm	
Length	195cm	
Head Length	65cm	
Foot Length	130cm	
Foot Length Angles	-20° to +85°	
Head Length Angles	-/+ 15°	
Safe Working Load	250kg (551 lbs)	

## Technical Data - Innovation Deluxe 3 Section

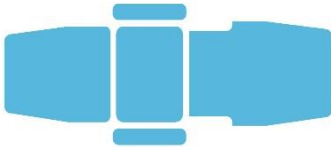
Index / Model	MG3475	MG3675
Configuration		
Elevation Control	Electric	
Backrest	Electric	
Wheel System	Independently Locking Wheel Design	Large Central Locking Wheel Design
Min. Height	47cm	
Max. Height	97cm	
Length	199cm	
Head Length	91cm	
Mid Length	43cm	
Foot Length	65cm	
Foot Length Angles	-35° to +10°	
Head Length Angles	-15 to +80°	
Safe Working Load	250kg (551 lbs)	



## Technical Data - Innovation Deluxe Dialysis


Index / Model	MG3490	MG3690
Configuration		
Elevation Control	Electric	
Backrest	Electric	
Wheel System	Independently Locking Wheel Design	Large Central Locking Wheel Design
Min. Height	47cm	
Max. Height	97cm	
Length	199cm	
Head Length	91cm	
Mid Length	43cm	
Foot Length	65cm	
Foot Length Angles	-35° to +10°	
Head Length Angles	0° to +80°	
Safe Working Load	250kg (551 lbs)	

















# Technical Data - Innovation Deluxe Daycare

Index / Model	MG3493	MG3693
Configuration		
Elevation Control	Electric	
Backrest	Electric	
Wheel System	Independently Locking Wheel Design	Large Central Locking Wheel Design
Min. Height	47cm	
Max. Height	97cm	
Length	199cm	
Head Length	91cm	
Mid Length	43cm	
Foot Length	65cm	
Foot Length Angles	-35° to +10°	
Head Length Angles	0° to +80°	
Safe Working Load	250kg (551 lbs)	

# Electrical Technical Data

	Linak	Ti-Motion
Control Box	100 - 240V, 50/60Hz	100 - 240VAC, 50/60Hz, 2500mA
Output	120W	32V, 128VA,
Standby power	0.5W	
Duty Cycle	10% max, 2 min ON / 18 min OFF	
Mains Plug Fuse Rt (UK)	5.0A x 1-	
IP RATING	IPX 6 washable	IP 54
Electrical Classification (IEC 60601-1)	<div> <div></div> <div>Double Insulated</div> </div>	
Electrical Classification	Class 2	Class 1 Earthed (Canada)
Type BF Equipment	<div> <div></div> <div></div> </div>	

Environmental Protection	
	<p>This product is marked with the crossed-out “wheelie bin” symbol to indicate that it is covered by EU directive 2012/19/EU on Waste Electrical and Electronic Equipment. This symbol indicates that the product was placed on the market after August 13, 2005, and that end users should segregate the product from other waste at end-of-life. This symbol on our products indicate that all electrical components should be disposed of at a dedicated collection point at the end of their working life. The correct disposal of your end-of-life equipment will help prevent potential negative consequences for the environment and human health.</p>

Symbols			
	Safe working load		Double Insulated (Class II)
	Alternating current (a.c.)		Manufacturer
	Total weight of the equipment including its safe working load		Manufacturing date
	Caution/Warning		Complies with the European Regulatory affair
	Refer to instructions For Use		Serial number
	Type B applied part.		Model number
	Waste Electrical and Electronic Equipment (WEEE) - do not dispose of this product in general household or commercial waste		Do not sit on the edge marked in place where symbol is attached.
	Medical device		European Authorised Representative

PDF Copy available upon request









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The **CE** mark on this product demonstrates conformity with MDR

Medical Device

