

OPERATION MANUAL

Revision: June 2021

MEDICAL IMAGING CHAIR ERGO XR2



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1. CONTACT US

Before contacting us, make sure to have the following information ready:

- **7-digit serial number** (example: 1234567);
- **Model number or name** (example: ERGO XR2).

This information is available on label located on base of the product.






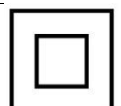




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2. INTENDED USE


























ERGO XR chair allows different height and lateral adjustments to position a seated patient when taking X-ray. It is used to support a seated patient during medical examination or short procedure. It is intended to be operated by healthcare professional in a medical environment including hospitals, clinics and doctor's office.

3. SYMBOL IDENTIFICATION

The following symbols and their definitions are used throughout this manual.

Symbol	Definition
	WARNING. Alerts the reader about a situation, which if not avoided, could result in death or serious injury. It may also describe potential serious adverse reactions and safety hazards.
	Warning, electrical shock hazard.
	Operator must read manual before using this equipment.
	Operator must read manual before using this equipment.
	Protective earth (ground).
	Class II or double insulated electrical equipment.
	Electrical safety, type B applied part.
	No sitting.
	No stepping.
	This device contains materials that are potentially hazardous to the environment. In accordance with directive on waste electrical and electronic equipment (WEEE), Product's electrical system and accessories should not be disposed as unsorted municipal waste. Consult your instructional policies and local regulations regarding disposal.

4. WARNINGS















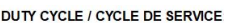
	<p>MANDATORY. Read, understand and keep this manual before starting to use IBIOM's products. This manual must be available for everyone using IBIOM's products.</p>
	
	<p>WARNING. ERGO XR chair is designed for indoor use on flat surfaces.</p>
	<p>WARNING. Always lock wheels before the patient is placed on chair.</p>
	<p>WARNING. Never use braking system to stop a moving chair.</p>
	<p>WARNING. Do not use ERGO XR chair for any purpose other than the intended use.</p>
	<p>WARNING. Do not modify this equipment without IBIOM's authorization.</p>
	<p>WARNING. Do not use in oxygen-rich environment.</p>
	<p>WARNING. Do not use in MRI environment.</p>
	<p>WARNING. Do not use in wet environment.</p>
	<p>WARNING. Never exceed safe working load of 450lb or 205kg on chair. Safe working load includes patient's weight and accessories.</p>
	<p>WARNING. Never exceed safe working load of 75lb or 34kg on arm.</p>
	<p>WARNING. Do not sit on backrest.</p>
	<p>WARNING. Do not sit on arm.</p>
	<p>WARNING. Always lower chair to minimum height for patient access.</p>
	<p>WARNING. Do not leave patient unattended.</p>
	<p>WARNING. Do not use ERGO XR chair to move a patient from one room or floor to another.</p>
	<p>WARNING. To ensure proper operation of the product, maintenance must be done as described in this manual.</p>
	<p>WARNING. Read the warnings in the various sections of this manual.</p>
	<p>WARNING. Always ensure there is sufficient clearance around chair before activating the various movements to avoid collisions with the environment, equipment and people.</p>
	<p>WARNING. Always have patient enter and exit chair from the front.</p>
	<p>WARNING. Avoid placing hands and other body parts near mobile parts or locking mechanism.</p>
	<p>WARNING. Once arm and backrest are locked in upward position, make sure they are securely locked.</p>
	<p>WARNING. Do not let fall mobile parts.</p>
	<p>WARNING. Ensure that lateral movement is locked after use and before patient sits in the chair.</p>

5. LABEL

The product identification label is located on the product base. This image and the information contained herein is for informational purposes only.











Symbol identification

	Manufacturer's name and address
	Product code or name
	7-digit serial number
	Product's weight
	Date of manufacture (YYYY-MM-DD)
	Maximum safe working load (maximum patient weight)
	Made in Canada
	QR code pointing to IBIOM's website
	Barcode including date of manufacture and serial number
	Type B applied part
	Double electrical insulation
	Obligation to read the operation manual
	Required voltage (120V), alternating current
	Frequency (60Hz), max amperage (3.9A)
	Maximum activation time followed by minimum deactivation time










6. OPERATION INSTRUCTIONS

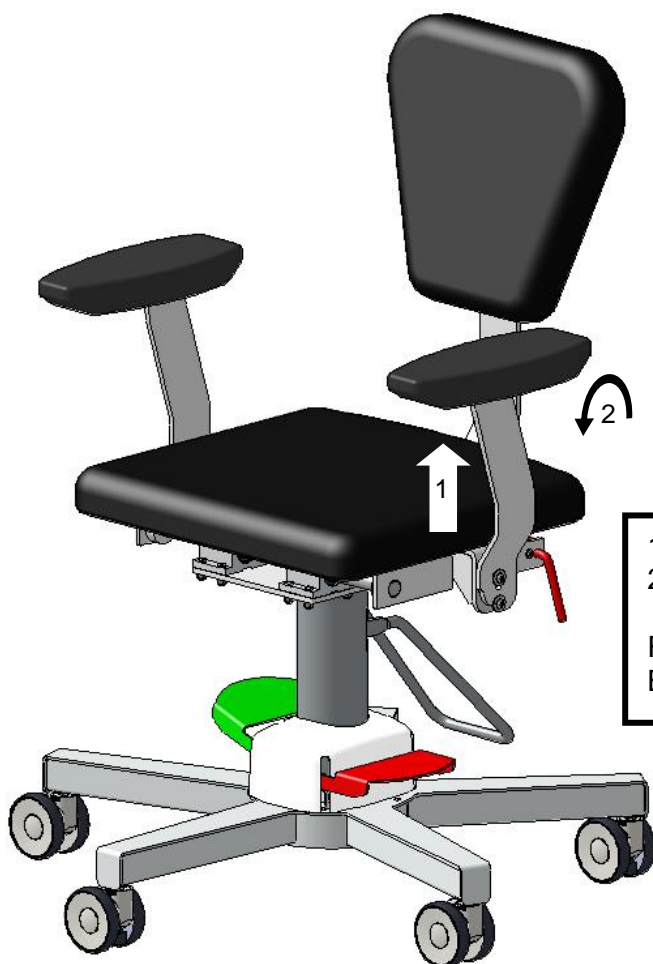
6.1 Chair functions

	WARNING. Always ensure there is sufficient clearance around chair before activating the various movements to avoid collisions with the environment, equipment and people.
	WARNING. Always lock wheels before the patient is placed on chair.
	WARNING. Always lower chair to minimum height for patient access.
	WARNING. Always have patient enter and exit chair from the front.
	WARNING. Do not leave patient unattended.
	WARNING. Once arm and backrest are locked in upward position, make sure they are securely locked.
	WARNING. Ensure that lateral movement is locked after use and before patient sits in the chair.
	WARNING. Avoid placing hands and other body parts near mobile parts or locking mechanism.



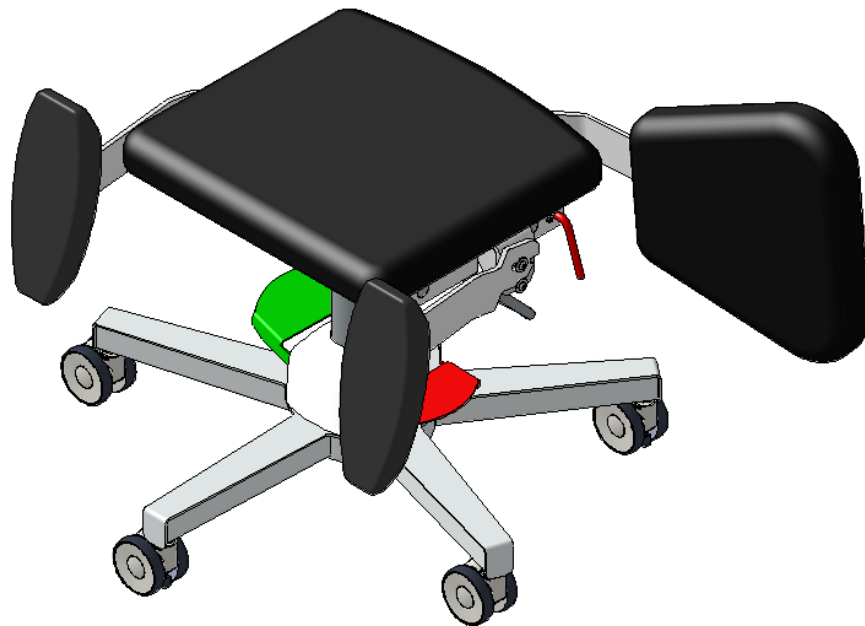
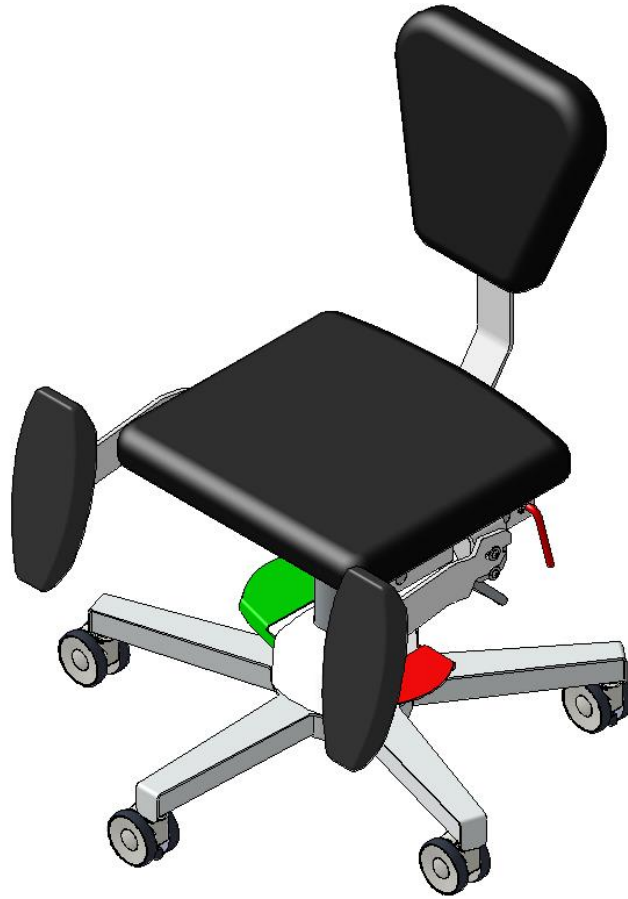
6.2 Retractable arms and backrest

	WARNING. Never exceed safe working load of 75lb or 34kg on arm.
	WARNING. Do not sit on backrest.
	WARNING. Do not sit on arm.
	WARNING. Do not leave patient unattended.
	WARNING. Always ensure there is sufficient clearance around chair before activating the various movements to avoid collisions with the environment, equipment and people.
	WARNING. Always have patient enter and exit chair from the front.
	WARNING. Avoid placing hands and other body parts near mobile parts or locking mechanism.
	WARNING. Once arm and backrest are locked in upward position, make sure they are securely locked.
	WARNING. Do not let fall mobile parts.







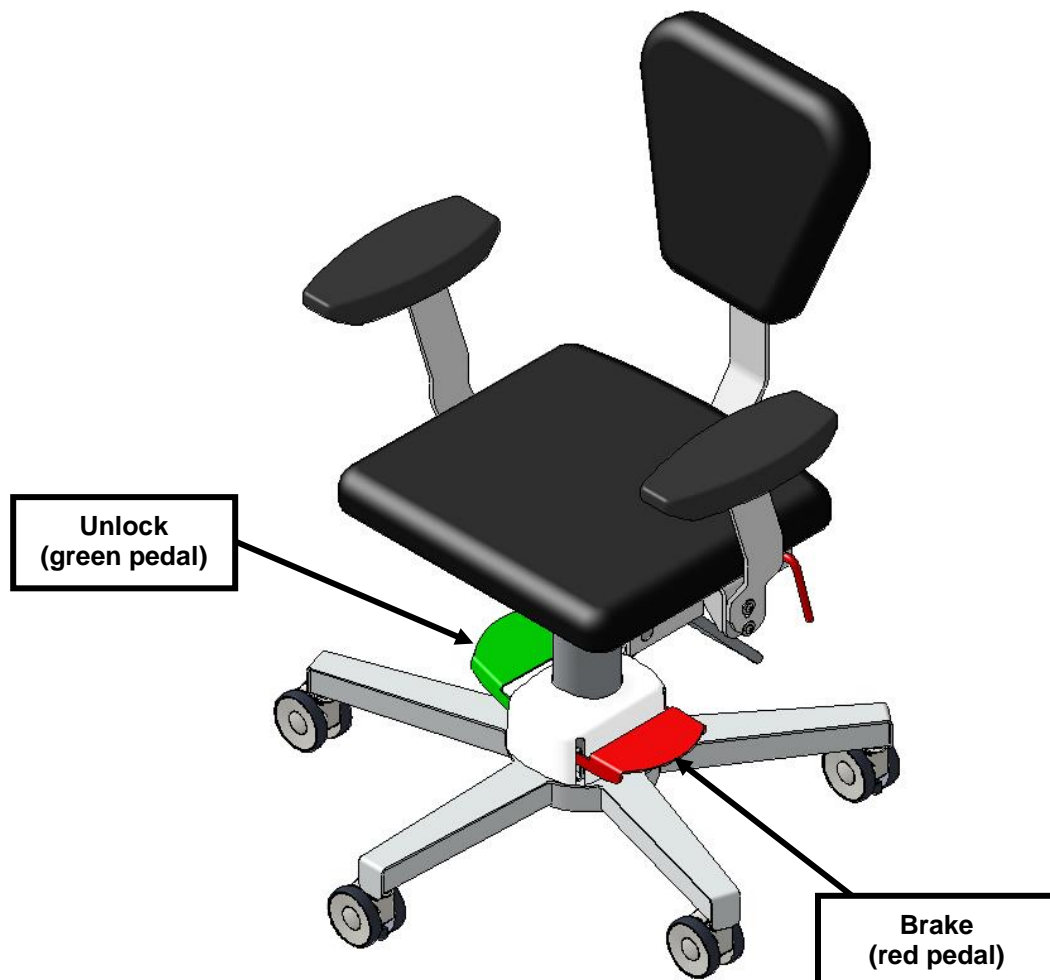
- 1- Lift arm.
- 2- Recline arm towards front.

Follow same steps to recline backrest.
Backrest may be reclined on both sides.



6.3 Central lock












	WARNING. ERGO XR chair is designed for indoor use on flat surfaces.
	WARNING. Always lock wheels before the patient is placed on chair.
	WARNING. Never use braking system to stop a moving chair.
	WARNING. Do not use ERGO XR chair to move a patient from one room or floor to another.



The central brake mechanism is controlled with the pedals located at the base, in the center of the chair. Engage pedal foot pedal in one of the 2 positions:

- Red: 3 wheels out of 5 are locked;
- Green: all 5 wheels unlocked.

7. CLEANING INSTRUCTIONS

	WARNING. Always clean chair between patient to avoid contamination.
	WARNING. Clean chair immediately after spillage of bodily or other fluids.
	WARNING. Protect mattress cover from sharp and rough objects to avoid damaging it.
	WARNING. Always inspect mattress to ensure its integrity. A damaged mattress can absorb contaminated liquids. In case of tear or wear, contact IBIOM to immediately replace the damaged mattress.
	WARNING. Do not wash with pressure or steam.
	WARNING. It is the user's responsibility to wear adequate protective equipment to avoid contamination from bodily fluids or other dirt on table.
	WARNING. Any damage to the mattresses caused by the use of a product other than those mentioned in this section or at a different concentration is not covered by the warranty.
	WARNING. Do not use cleaning products containing other products or in concentration other than those specified in this section.
	WARNING. Do not use abrasive cleaning products.
	WARNING. Avoid placing hands and other body parts near mobile parts or locking mechanism.
	WARNING. It is the user's responsibility to ensure that these instructions are in accordance with the institution's internal infection control procedures.

7.1 Recommended cleaning products

- Disinfectant containing sodium hypochlorite (bleaching product) in a maximum concentration of 0.5%. Always rinse with clean water and dry with a clean cloth.
- Disinfectant containing hydrogen peroxide diluted in a maximum concentration of 0.5%. Always rinse with clean water and dry with a clean cloth.
- Disinfectant containing alcohol diluted in a maximum concentration of 22%. Always rinse with clean water and dry with a clean cloth.
- It is recommended to use “*ready-to-use*” cleaning products.

Notes:

- Always test the cleaning product in an inconspicuous place to check the effect of this product on the cleaned surface.
- Always follow manufacturer's cleaning products instructions.
- Clean spill as soon as possible to prevent penetration and becoming a permanent stain.

8. SPECIFICATIONS

8.1 Product specifications

Width with armrest	27 in / 69 cm
Base	28 in / 71 cm diameter
Seat	<ul style="list-style-type: none"> 17.7 in wide x 16.5 in deep / 45 cm wide x 32 cm deep Seat rotation can be locked.
Backrest	<ul style="list-style-type: none"> 13.5 in wide x 12 in high / 34 cm wide x 30 cm high Retractable on both sides.
Arms	<ul style="list-style-type: none"> 4.5 in wide x 10.5 in long / 11 cm wide x 27 cm long Retractable towards front of the chair.
Lateral adjustment	<ul style="list-style-type: none"> 6 in / 15 cm Ball bearing slides.
Height	19.5 to 26.5 in / 49 to 67 cm
Maximum safe working load	450 lbs / 205 kg
Wheel diameter	<ul style="list-style-type: none"> 3 in / 7.5 cm Central brake activated by foot pedal.
Weight	80 lbs / 36 kg
Mattress cover	Vinyl <ul style="list-style-type: none"> Waterproof Anti-microbial Stain resistant* Fire retardant <ul style="list-style-type: none"> MVSS-302 CA TB 117-2013 (Section 1-Cover Fabric) IMO FTP code 2010 NFPA 260 UFAC Class 1

IBIOM Instruments Ltd. reserves the right to change specifications without notice.

* If cleaning instructions are followed.

8.2 Environmental conditions

Conditions	Temperature	Relative humidity	Pressure
Normal condition	5 °C to 40 °C	20% - 80%	70-106 kPa
Storage	-10 °C to 50 °C	20% - 80%	70-106 kPa
Transport	-10 °C to 50 °C	20% - 80%	70-106 kPa

9. LIMITED LIFETIME WARRANTY

IBIOM instruments ltd has a lifetime warranty for all their products against all manufacturing defects under normal operating conditions as described in manual. These following components are excluded from this lifetime warranty: mattresses, retractable rod mechanisms, brake mechanisms, armrest mechanisms, wheels and all mobile parts. These exclusions are however covered for a period of 2 years following purchase date.

This warranty doesn't apply to the products and components that must be replaced after normal usage or because of negligence, abuse, or breakage during transportation or by misuse of the user guide instructions and warnings. Also, it doesn't apply if modifications or repairs have been done by someone not authorized by IBIOM instruments ltd.

Electrical components are guaranteed against all manufacturing defects under normal operational conditions for a 3-year period following date of purchase and under the same conditions as mentioned in the preceding paragraph. The battery is covered by a 1-year warranty.

All repairs done on IBIOM products, once the warranty is over, will be billed at regular rates.

The warranty is not transferable.

Limited warranty to the original purchaser at the original delivery address.

The warranty begins on the date of delivery of the product.



The use of cleaning products other than those specified in the manual may void the warranty.

Maintenance must be carried out or the warranty may be cancelled.

IBIOM must authorize any return of merchandise.



10. WASTE DISPOSAL

	WARNING. Before disposal, clean equipment properly to avoid contamination.
	WARNING. Disposal of this equipment should only be done by qualified personnel.

- Before disposal, equipment must be clean properly to avoid contamination.
- Equipment can be disposed of by separating the different components for recycling and/or disposal.
- Always follow local regulations for proper disposal of the various components of the equipment.

COMPONENT GROUP	MATERIAL GROUP
Metal structure	Metal
Plastic parts	Plastic
Mattress	Foam and textiles

11. MAINTENANCE

See service manual.

12. SPARE PARTS LIST

See service manual.



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