

OPERATION MANUAL

Revision: R1

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.

Téléphone 1-877-247-7494

418-247-3986

Courriel information@umanomedical.com

Site Internet www.umanomedical.com






Adresse postale Umano Medical Inc.
230, boul. Nilus-Leclerc
L'Islet, QC
G0R 2C0
Canada

2. INTENDED USE


























ERGO XR2 chair provides different height and lateral adjustments to take an X-ray of a patient in a sitting position. It is used to support a seated patient during a medical examination or short procedure. It is intended to be operated by healthcare professionals in a medical environment including hospitals, clinics, and doctor's offices.

3. SYMBOL IDENTIFICATION

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

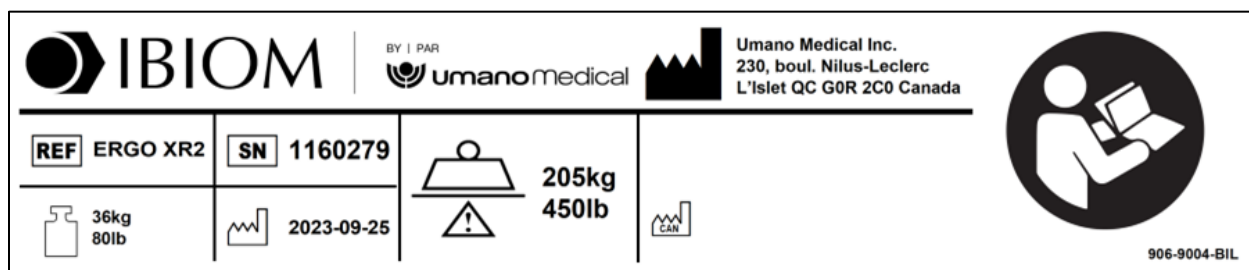
Symbol	Definition
	WARNING. Alerts the reader about a situation, which if not avoided, could result in death or serious injury. It may also describe potential serious adverse reactions and safety hazards.
	It is mandatory to consult this manual before use.
	Sitting is not allowed.
	No climbing or walking on equipment.
	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









	MANDATORY. Read, understand, and keep this manual before starting to use Umano Medical's products. This manual must be available for everyone using Umano Medical's products.
	WARNING. ERGO XR2 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 XR2 chair for any purpose other than the intended use.
	WARNING. Do not modify this equipment without Umano Medical's authorization.
	WARNING. Do not use in oxygen-rich environment.
	WARNING. Do not use in MRI environment.
	WARNING. Do not use in wet environment.
	WARNING. Never exceed safe working load of 450lb or 205kg on chair. Safe working load includes patient's weight and accessories.
	WARNING. Never exceed safe working load of 75lb or 34kg on armrest.
	WARNING. Do not sit on backrest.
	WARNING. Do not sit on armrest.
	WARNING. Always lower the chair to the lowest position before the patient sits in the chair.
	WARNING. Do not leave patient unattended.
	WARNING. Do not use the ERGO XR2 chair to move the patient from one room to another or from one floor to another.
	WARNING. To ensure that the product functions properly, please perform the recommended maintenance.
	WARNING. Read the warnings in the various sections of this manual.
	WARNING. Always make sure you have enough clearance around the chair before activating the various movements to avoid collisions with the surroundings and people.
	WARNING. The patient should only sit and stand from the front of the chair.
	WARNING. Do not place hands or other body parts near locking mechanisms.
	WARNING. Once arm and backrest are locked in upward position, make sure they are securely locked.
	WARNING. Do not let the armrest or backrest drop when lowering it.
	WARNING. Ensure that lateral movement of the seat is locked after use and before patient sits in the chair.
	WARNING. Do not place hands and other body parts near the various moving parts when the table is adjusted to position

5. LABEL

The product identification label is located on the product base. This image and the information contained herein are for reference 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
	Obligation to read the operation manual










6. OPERATION INSTRUCTIONS

6.1 Chair functions

	WARNING. Always make sure you have enough clearance around the chair before activating the various movements to avoid collisions with the surroundings and people.
	WARNING. Always lock wheels before the patient is placed on chair.
	WARNING. Always lower the chair to the lowest position before the patient sits in the chair.
	WARNING. The patient should only sit and stand from the front of the chair.
	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 of the seat is locked after use and before patient sits in the chair.
	WARNING. Do not place hands or other body parts near mobile parts or locking mechanisms.



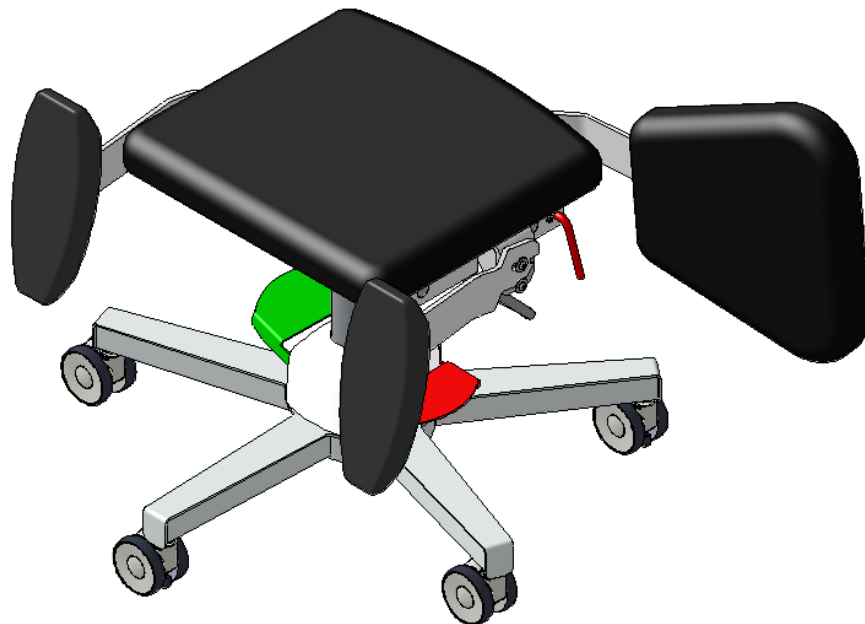
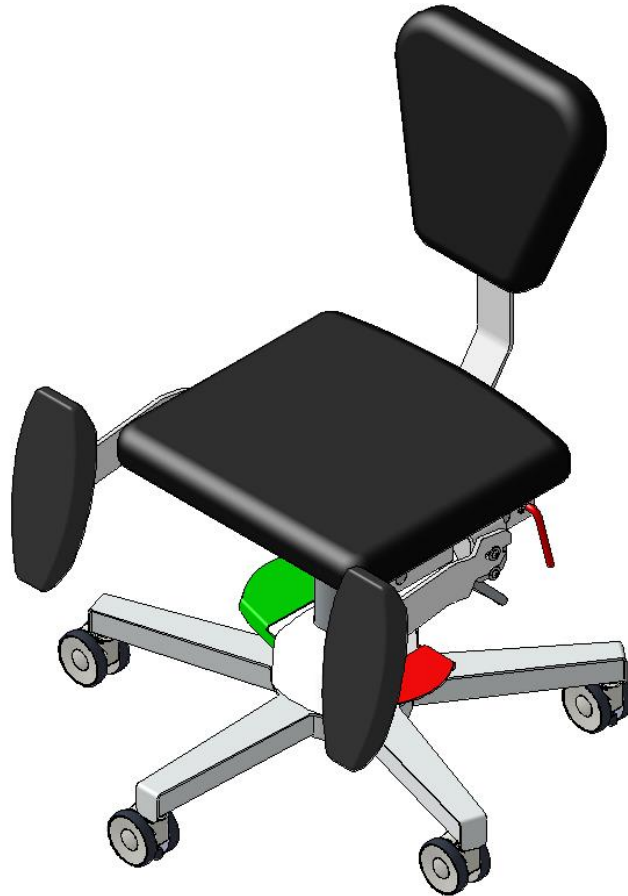
6.2 Retractable armrests and backrest

	WARNING. Never exceed safe working load of 75lb or 34kg on armrest.
	WARNING. Do not sit on backrest.
	WARNING. Do not sit on armrests.
	WARNING. Do not leave patient unattended.
	WARNING. Always make sure you have enough clearance around the chair before activating the various movements to avoid collisions with the surroundings and people.
	WARNING. The patient should only sit and stand from the front of the chair.
	WARNING. Do not place hands or other body parts near mobile parts or locking mechanisms.
	WARNING. Once arm and backrest are locked in upward position, make sure they are securely locked.
	WARNING. Do not let the armrest or backrest drop when lowering it.







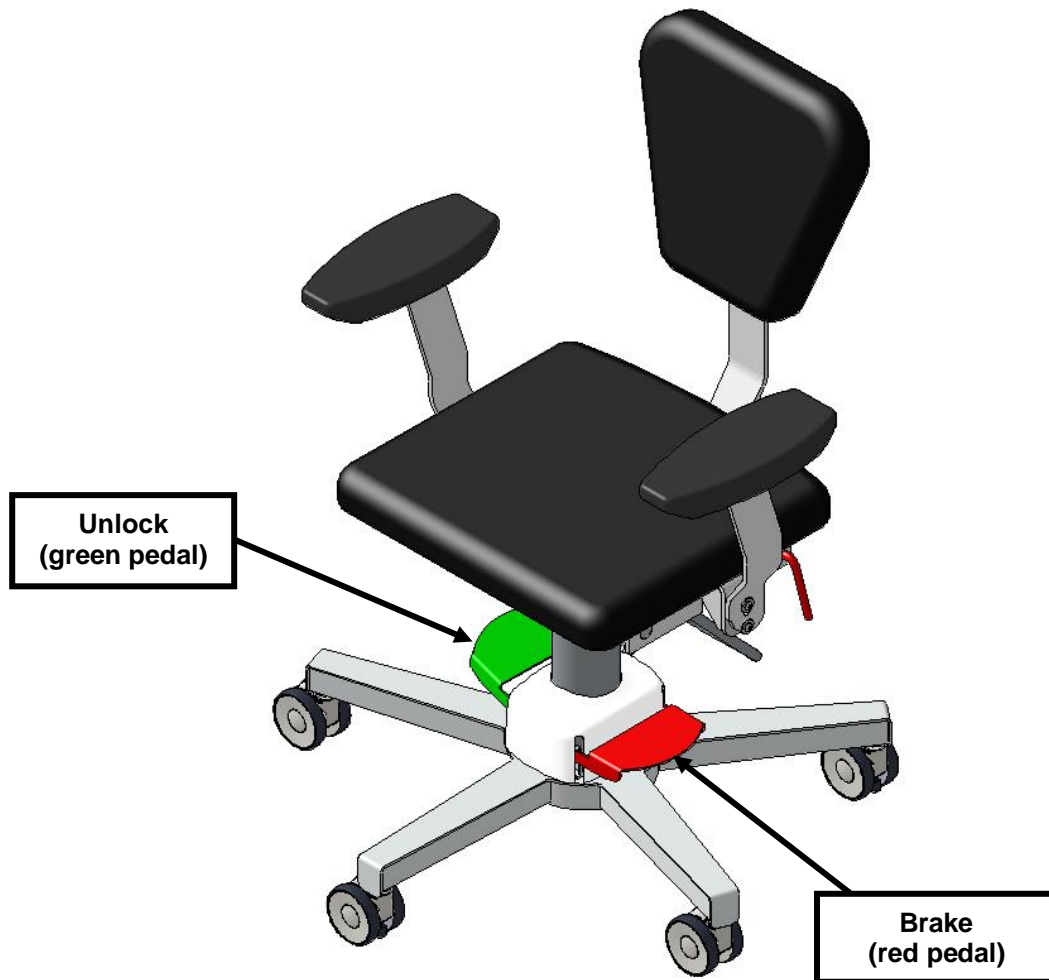
- 1- Lift armrest.
- 2- Tilt armrest towards front.

Follow same steps to tilt the backrest.
Backrest may be tilted on both sides.



6.3 Central lock












	WARNING. ERGO XR2 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 the ERGO XR2 chair to move the patient from one room to another or from one floor to another.



The central locking 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 cushion cover from sharp and rough objects to avoid damaging it.
	WARNING. Always inspect cushions to ensure its integrity. A damaged cushion can absorb contaminated liquids. In case of tear or wear, contact Umano Medical to immediately replace the damaged cushion.
	WARNING. Do not pressure wash or steam clean.
	WARNING. It is the user's responsibility to wear adequate protective equipment to avoid contamination from bodily fluids or other debris on the chair.
	WARNING. Any damage to the chair 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. Do not place hands or other body parts near mobile parts or locking mechanisms.
	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 spills as soon as possible to prevent absorption and from 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 Tilts on both sides.
Armrests	<ul style="list-style-type: none"> 4.5 in wide x 10.5 in long / 11 cm wide x 27 cm long Tilts 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
Cushion 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- Fabric cover) IMO FTP code 2010 NFPA 260 UFAC Class 1

Umano Medical Inc. 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. WARRANTY

The Umano Medical chairs are designed for a 10-year service life under normal use, conditions, and with periodic maintenance as recommended in Maintenance Manual.

Shipment receipt

The purchaser should examine the shipment upon receipt. Umano Medical must be notified by the purchaser within 30 days of invoice of any short shipment, or any order-mistake. Apparent shipment damage must be noted on delivery receipt and notified immediately to Umano Medical. A claim in the amount of replacement cost will be initiated with the carrier for the damages incurred. If any damage is found, the purchaser must notify Umano Medical within 15 days of shipment receipt.

Product return

Merchandise cannot be returned without approval from Umano Medical. An authorization number will be provided which must be printed on the packaging of the returned merchandise. Modified or discontinued products are not subject to return.

Limited warranty

Umano Medical warrants to the original purchaser that the products shall be free of structural defects in material and workmanship for a determined period after date of delivery; refer to the purchase documentation for information about the available warranty time periods. Umano Medical's obligation under this warranty is expressly limited to supplying replacement parts and/or service for, or replacing, at its option, any product that is, in the sole discretion of Umano Medical, found to be defective. In addition, Umano Medical warrants for life to the original purchaser that the welds on its products will be free from structural defects. Any repair using non-authorized or non-original parts and any product alteration or modification will void this warranty.

Parts and service

Original service parts are available for the lifetime of the product. Contact Umano Medical at:

Umano Medical Inc.



230 boulevard Nilus-Leclerc, L'Islet QC G0R 2C0 CANADA

T: (418) 247-3986

T: (844) 409-4030

servicing@umanomedical.com

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, cushions	Foam and textiles

11. MAINTENANCE

See service manual.

12. SPARE PARTS LIST

See service manual.



UMANO MEDICAL INC.
230, BOUL NILUS-LECLERC
L'ISLET, QC
G0R 2C0
CANADA
T: (418) 247-3986
T: (877) 247-7494

www.ibiom.com