

# USER'S MANUAL

## Mechanical Chairs

**GYNECOLOGY Chair**  
**BLOOD COLLECTOR Chair**  
**BLOOD DONNOR Chair**  
**OPHTHALMOLOGY/ENT Chair**



**Rx only**



Attention: Carefully read this manual before operating the Olsen's equipment!

**Olsen**  
Equipment made to last

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# 1-Equipment Description

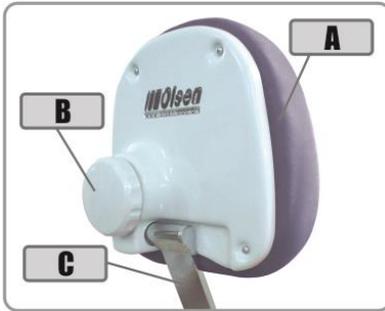
The units described in this manual are developed for patient accommodation in clinical and outpatient settings, to provide maximum patient comfort during the corresponding procedures.

These equipments are manufactured in compliance with national and international quality standards.

The upholstered parts are assembled on rigid structures coated with the high resistance soft foam and coated with seamless PVC laminated, easy cleaning and disinfection.

The painting of the metallic parts is made through an electrostatic system, using heat-curing polyurethane (epoxy) in an oven at 200°C.

The plastic covers are made of high resistance ABS.



## 1.1-Articulating Headrest

The Articulating Headrest is featured by its easy position adjustment, keeping always the same distance between the headrest attachment mechanism and its lever.

A- Headrest upholstery

B- Headrest Handle Screw

C-Headrest lever for vertical adjustment

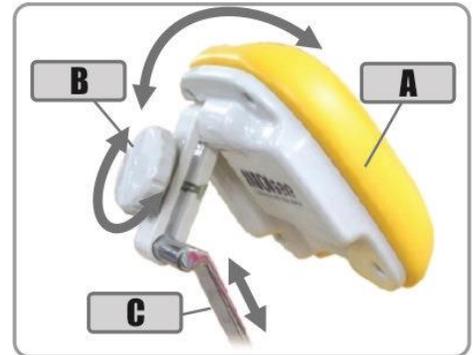
## 1.2-Multi-Articulating Headrest

The Multi-Articulating Headrest allows multiple adjustable positions that guarantee greater comfort for patients during the clinical and surgical procedures.

A- Headrest upholstery

B- Headrest Handle Screw

C-Headrest lever for vertical adjustment



**The Multi-Articulating Headrest is an optional item for the BLOOD COLLECTION Chair and the BLOOD DONNOR Chair.**

To adjust the headrest, turn the handle screw (B) counterclockwise, adjust the headrest (A) to the desired position and then turn the handle screw clockwise to lock it in position.

To adjust the height of the headrest, just move the lever (C) up or to the desired position.

The height adjustment must safely respect the length limit of the lever, which is 17 cm

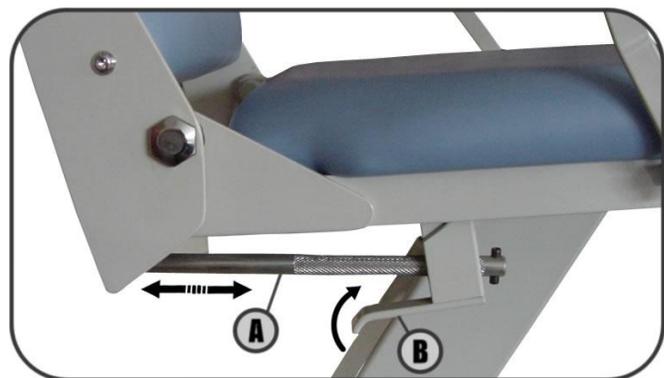
## 1.3-Backrest adjustment

(A) Knurled rod;

(B) Adjustment Trigger;

To tilt the backrest simply pull it forward and position it at the desired angle; to recline it, pull the adjustment trigger (B), adjust to the desired position and then release the trigger.

**Note:** Whenever the backrest is adjusted, make sure it is secured.



## 2-General Features

**-Upholstery:** The upholstery is mounted on a very resistant frame, with soft foam and coated with flexible laminated PVC, which besides being resistant, is easy to clean and provides exceptional visual aspect.

**- Mechanical frame:** Olsen equipment is manufactured in SAE 1020 rolled steel profiles and welded by MAG process, giving strength and low weight to the set, facilitating transportation, installation, and maintenance of the equipment.

**- Electrostatic painting:** It is applied to all equipment's structural metal parts. The paint is produced from polyurethane and gives the equipment a high strength coating. The paint has an antimicrobial property, with performance in accordance with JIS Z 2801: 2000, where, in a 24-hour period, the bacteria reduction is higher than 99.9%.

**- Plastic covers:** Made of high resistance ABS with acrylic coating does not require painting, so small scratches and wear can be repaired by polishing, providing excellent visual appearance for a long period.

## 3- Cleaning and Disinfection

### 3.1- Upholsteries and Plastic Covers

The plastic covers and upholsteries must be cleaned with a damp cloth containing neutral soap or detergent only. Olsen advises against using any chemical product to clean these parts, but in the case of disinfection products, it is important to check if it has suitable compatibility and specifications before use on these materials.

### 3.2- Painted Parts

It must be cleaned with a slightly damp cloth containing only soap or mild detergent.



**Olsen is not responsible for defects, deformities, spots on or abnormalities caused by improper use of chemical products, contact with tissues, leather, disposable gloves, inks, pigmented detergents and other organic or synthetic products.**

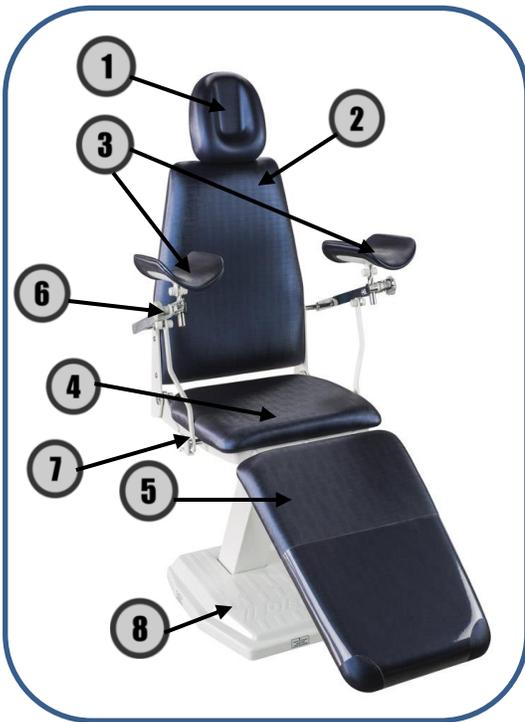
## 4-Symbols Chart

The symbols comply with ISO 9687.

	Caution		"BF" type applied part		This Side Up (Package)
	Keep Dry (Package)		Handle with care (Package)		Keep away from sunlight (Package)
	Max Stack (Package)		Temperature Limits (Package)		

## 5- Parts Identification

### 5.1- BLOOD DONOR Chair



- ① **Headrest**
- ② **Backrest**
- ③ **Armrests**
- ④ **Seat**
- ⑤ **Legrest**
- ⑥ **Armrest adjustment knobs**
- ⑦ **Mechanical adjustment of the backrest and legrest**
- ⑧ **Chair base**

### 5.2-BLOOD COLLECTOR Chair

- ① **Headrest**
- ② **Backrest**
- ③ **Armrests**
- ④ **Seat**
- ⑤ **Backrest adjustment knobs**
- ⑥ **Footrest**
- ⑦ **Chair base**
- ⑧ **Armrest adjustment knobs**



### 5.3- OPHTHALMOLOGY/ENT Chair



- ① Headrest
- ② Backrest
- ③ Armrests
- ④ Seat
- ⑤ Footrest
- ⑥ Chair base

### 5.2-GYNECOLOGY Chair

- ① Headrest
- ② Backrest
- ③ Leg Supports
- ④ Seat
- ⑤ Heel supports
- ⑥ Footrest
- ⑦ Chair base
- ⑧ Armrests



## 6-Technical Features

**Product Classification:** According to ISO 6875 standard.

### BLOOD DONNOR Chair

Gross weight: 65Kg;

Net weight: 35Kg.

### OPHTHALMOLOGY/ENT Chair

Gross weight: 65Kg;

Net weight: 35Kg.

### BLOOD COLLECTION Chair

Gross weight: 57Kg;

Net weight: 34Kg.

### GYNECOLOGY Chair

Gross weight: 65Kg;

Net weight: 35Kg.

**Lifting Capacity:** According to ISO 6875 standard – 135 Kg.

## 7- Important Notes

The reproduction and distribution of these instructions can only be made with prior permission from Olsen Indústria e Comércio S. A.

The technical features of the products described in this manual correspond to the time of its publication. Future technical improvements do not result in any right to update existing products.

As for the operation and safety of products, Olsen will assume corresponding responsibility since:



The Installation and the services have been made by Olsen accredited technician. Ask us by e-mail [comex@olsen.odo.br](mailto:comex@olsen.odo.br) about the accredited service.



The product is operated according to the information described in this manual.



The warranty conditions specified in the warranty certificate are observed.



No modifications, adaptations or any other changes to the original equipment characteristics have occurred.



Always use original Olsen parts in case of equipment maintenance.

## Notes

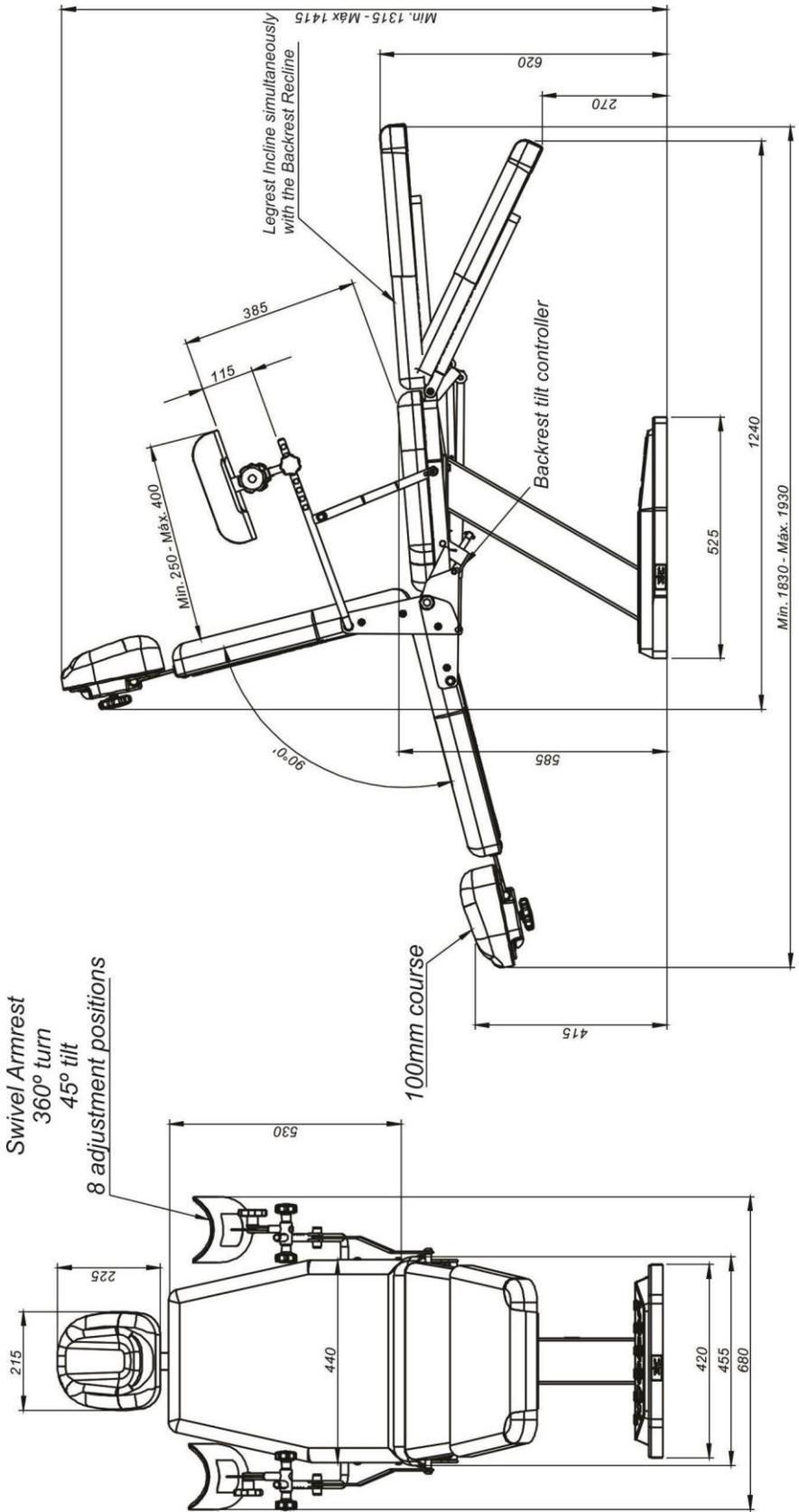
The equipment must be operated by a duly qualified professional to perform medical procedures.

The equipment should not be exposed to direct sunlight, as it may cause premature aging of plastic covers and/or upholstery.

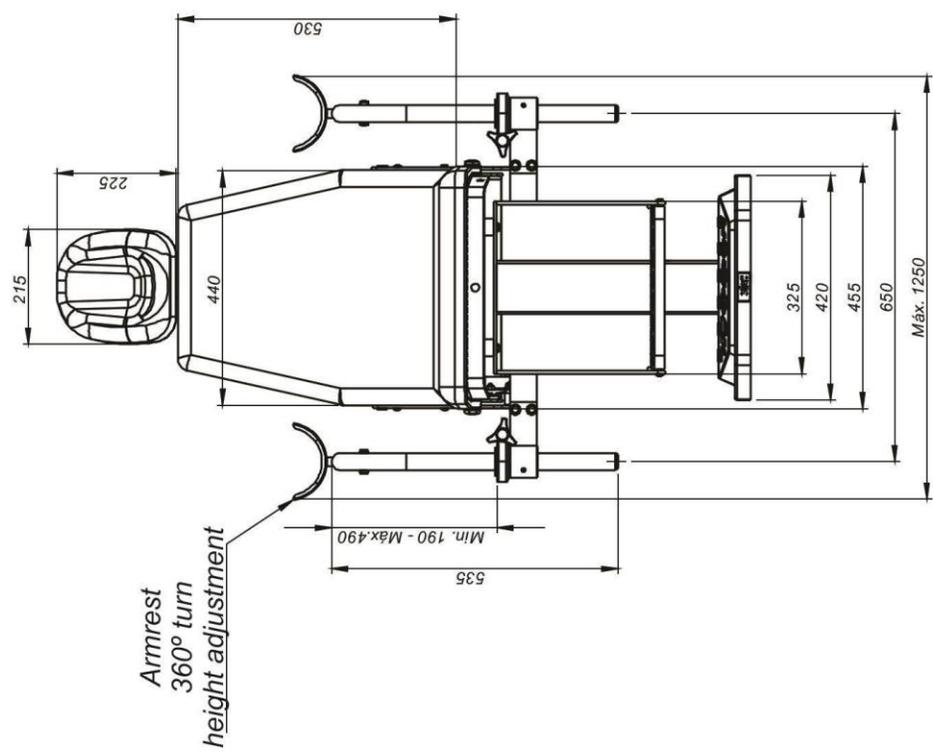
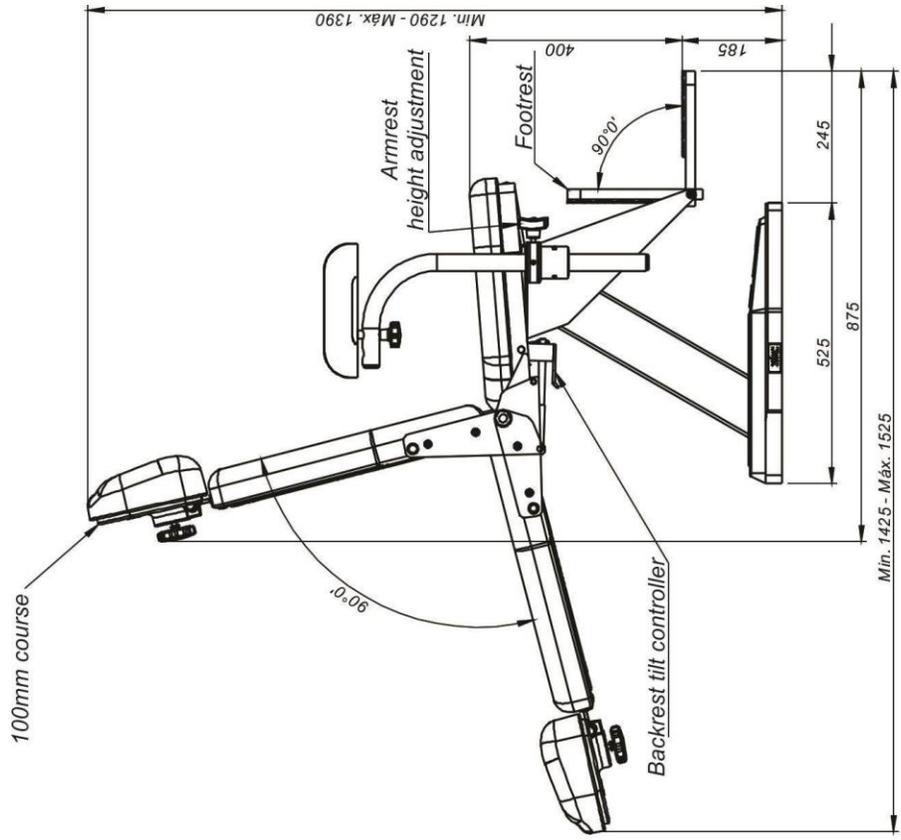
Organic wastes, contaminated and disposable materials should be disposed of properly as determined by the responsible local health authority.

# 8-Dimensional Drawings

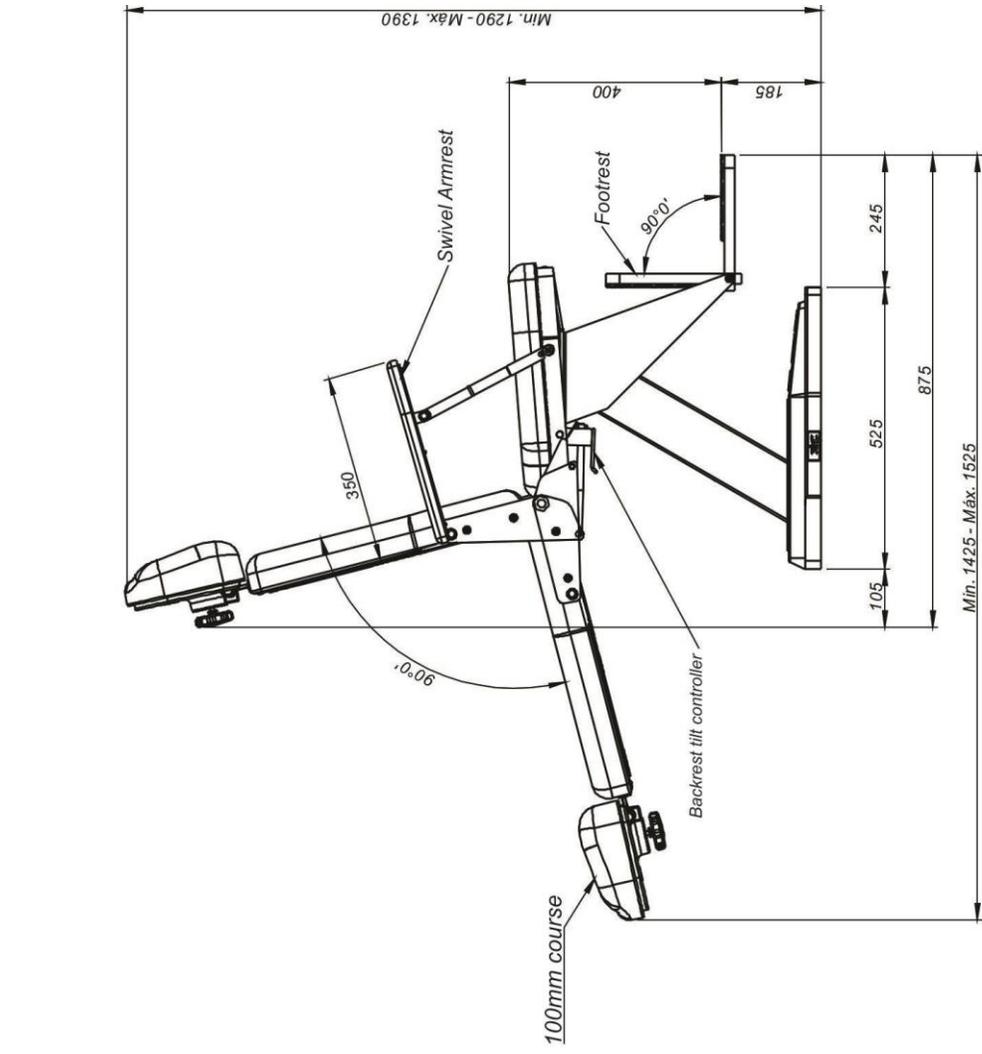
## BLOOD DONNOR Chair



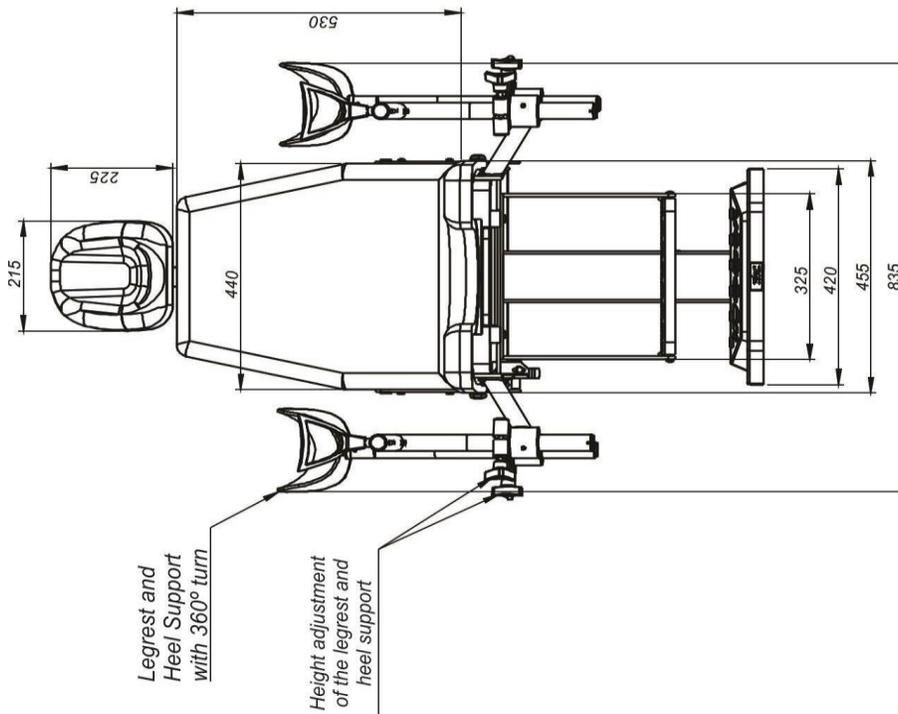
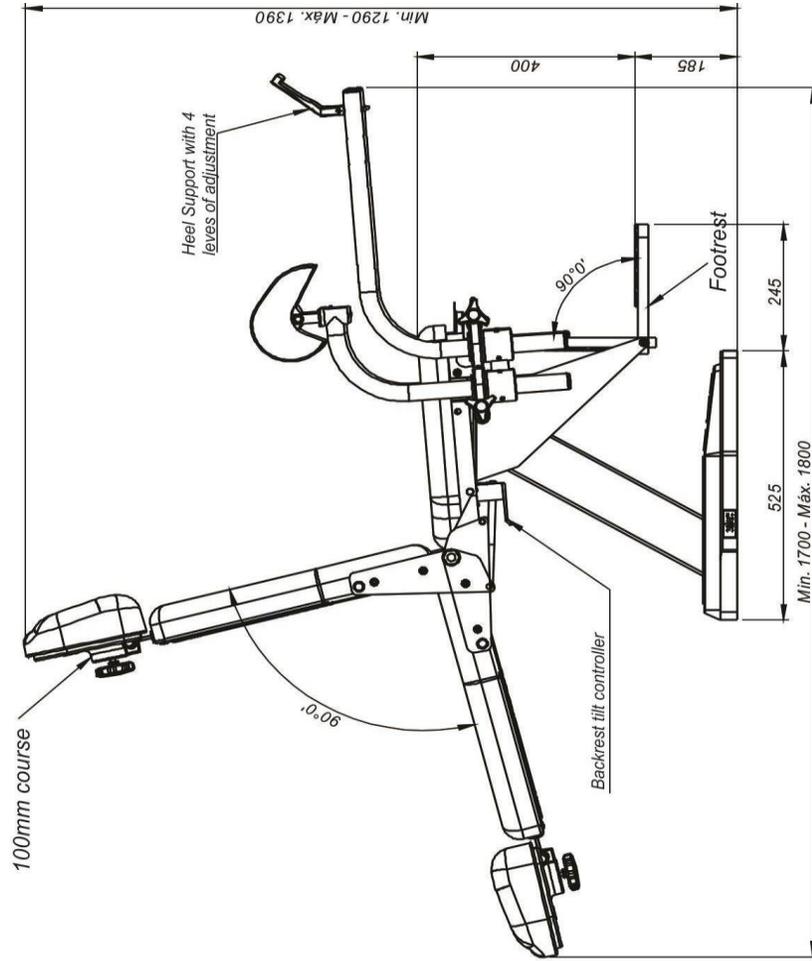
# BLOOD COLLECTION Chair



# OPHTHALMOLOGY/ENT Chair



# GYNECOLOGY Chair



## 9-Warranty Terms

The warranty time is 12 (twelve) months starting from the purchasing and under the terms of this certificate. The maximum storage time must be 3 months from the Invoice date. In the case of this time is exceeded the warranty time will start counting even if the product is kept in storage.

1 – Upholstered parts are guaranteed for 6 (six) months.

2 – The warranty is limited to the repair or replacement of defected parts and does not cover defects originated by:

- a) Non-observance of the use and maintenance instructions
- b) Falls, crashes and inadequate storage
- c) Effects made by the natural agents
- d) Damages to the upholstered parts caused by inadequate use of chemical products, exposure to inadequate climate conditions, contact with tissues, leather, disposable gloves, paints, pigmented detergents and cuts made by razors or any sharp instruments.
- e) Damage to the painted and plastic (covers) parts caused by inadequate use of chemical products, contact with disposable gloves and razors or sharp instruments.

3- This warranty will cease when:

- a) When it reaches its expiry date;
- b) The user makes any changes to the equipment;
- c) The warranty certificate presents any scraping or changes;
- d) Installation and technical service is done by an unauthorized technician;
- e) Failure to install the equipment for more than 90 (ninety) days, counted from the purchasing date contained in the invoice
- f) By using non-genuine spare parts.

4 - The repairing or replacement of parts during the warranty period will not extend its original expiry date.

5 – The expenses originated by the unit installation, travel, and accommodation costs of the service staff involved in the calls for service for the unit's installation or repair will run under the unit's owner responsibility and in accordance with the distributor's norms.

6 – The purchaser, after checking the installation when it is done, must keep the purchasing invoice and the serial numbers of each equipment until the warranty time end, as in the case of service need the serial numbers, the invoice number and the purchasing or installation date will be required.

7 – On all calls for service, during the warranty period, the unit's serial numbers and copy of the purchasing invoice or installation form must be presented. If this information is not presented the service will not be covered by warranty.

## 10- Message from the President

### **Olsen and its clients:**

#### **A successful relationship.**

I have linked my name to the factory and to the Dental and Medical equipment that are currently produced and trade in more than 100 countries having in mind the responsibilities and long-term response to this initiative.

Our products are modern, innovative, durable and of low maintenance cost. These characteristics have been achieved thanks to our competent and dedicated team, which make me very proud for many reasons, as they are always giving the best of their creative capacity to our clients.

Our company will always be open to all those who prefer Olsen products, for any necessary information and technical assistance, but especially for comments regarding the relationship with customers. We expect this connection always brings you satisfaction, resulting in more and more benefits to all of us.



Cesar Olsen

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Equipment made to last

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