

**Item no.: Model**

- 70030 VELA X-Ray Chair
- 70031 VELA 'Turn+' Thorax Chair
- 70032 VELA Mammography Chair
- 70033 VELA 'Basic+' Ophthalmology Chair
- 70034 VELA 'Move+' Ophthalmology Chair
- 70035 VELA 'Medium' Exercise Chair
- 70036 VELA 'Large' Exercise Chair
- 70037 VELA 'Basic' Surgeon's chair
- 70038 VELA 'Advance' Phlebotomy chair
- 70041 VELA 'Support+' Surgeon's chair



ISO 9001  
ISO 14001

*The chair's design varies depending on the model*

## TABLE OF CONTENTS

<b>1.0. INTRODUCTION</b>	<b>3</b>
<b>1.1. WARNINGS</b>	<b>4</b>
<b>1.2. TROUBLESHOOTING</b>	<b>5</b>
<b>1.3. VELA TANGO WITH ELECTRIC HEIGHT ADJUSTMENT</b>	<b>6</b>
1.3.1. Power input	6
1.3.2. Emission	6
1.3.3. Surge protection	6
<b>1.4. LABELS USED ON THE CHAIR</b>	<b>7</b>
<b>1.5. SAFETY</b>	<b>7</b>
1.5.1. Intended use	7
1.5.2. Transport	8
<b>1.6. WARRANTY</b>	<b>8</b>
<b>1.7. UNPACKING THE CHAIR</b>	<b>8</b>
<b>1.8. MAINTENANCE</b>	<b>8</b>
1.8.1. Wheels	9
1.8.2. Frame	9
1.8.3. Padding	9
<b>1.9. RECYCLING AND DISPOSAL</b>	<b>9</b>
<b>2.0. SETTINGS</b>	<b>10</b>
2.0.1. Attaching the backrest*	10
2.0.2. Height adjustment via Hand box (el)	10
2.0.3. Height adjustment (Manual)	10
2.0.4. Foot-operated height adjustment (el)*	11
2.0.5. Setting angle of seat*	11
2.0.6. Setting angle of backrest	11
2.0.7. Setting the back height*	11
2.0.8. Back bolt*	12
2.0.9. Adjusting the armrest height*	12
2.0.10. Adjusting the armrest width*	12
2.0.11. Fold-down armrest*	12
2.0.12. Adjusting lumbar support*	13
2.0.13. 360 ° Foot pedal for braking	13
2.0.14. Hand Brake*	13
2.0.15. Folding footrest*	13
2.0.16. Rotation*	14
2.0.17. Charging (el)	14
2.0.18. Electric brake (el)*	14
2.0.19. Setting the angle of the brake*	14
2.0.20. Foot-operated Electric brake (el)*	15
2.0.21. Armrest for surgeon's chair*	15
2.0.22. Adjustment of armrest*	15
2.0.23. Armrest for sample collection*	15
2.0.24. Strolling bracket*	16
2.0.25. Battery Ca0)*	16

## 1.0. INTRODUCTION

### DEAR CUSTOMER

Congratulations on your new VELA Medical Chair. This user manual contains useful information about positioning, operating and maintenance.

#### **Important**

Please read this user manual thoroughly and keep it for later use. This user manual must always accompany the chair. The user manual is also available on VELA Medical's website: [www.vela-medical.com](http://www.vela-medical.com), where you also can find other relevant information about the chair.

If you have questions, experience errors or adverse events, please contact your VELA Medical dealer.

VELA Medical reserves the right to make changes to this manual.

#### **VELA Medical**

Gøteborgvej 8-12  
DK-9200 Aalborg SV  
Denmark  
[www.vela-medical.com](http://www.vela-medical.com)



## 1.2. TROUBLESHOOTING

Mistake	Possible cause and solution
Electric height adjustment does not work	The plug is not plugged into the hand box – plug it in There is no power on the chair's battery. Charge the battery with the supplied charger The fuse is broken. See section 1.3.3
Manual height adjustment does not work	There is too much load or uneven load on the chair. Try to adjust the height without sitting in the chair. If this does not work, the gas cartridge is defective and should be replaced. Contact your VELA Medical supplier
The brake function does not work	The brake is not activated. See section 2.0.13, 2.0.14. or 2.0.18.
The armrest seems loose	One of the hand screws might be loose. Tighten the hand screw
The chair rolls badly	Wheels are blocked. Clean the wheels for wire residue and the like.
Brake rod or chassis is in the way when I move in the chair	You have a chair with seat rotation. Use seat rotation to straighten the chair. See section 2.0.12.
Brake rod seems loose	The hand screw holding the brake rod might be loose. Tighten the screw. See section 2.0.19.

If the above does not solve your problem, you should contact your VELA Medical supplier.

## 1.3. VELA TANGO WITH ELECTRIC HEIGHT ADJUSTMENT

### 1.3.1. POWER INPUT

Voltage: 24Vdc

Current: 0.5A

Power: 12VA

### 1.3.2. EMISSION

A VELA Medical chair with electrical functions has been tested and complies with current requirements regarding electromagnetic radiation (EMC requirements). The chair is tested to the following specifications:

:: Emission class CISPR 11, Group 1, Class B

See more details at [www.vela-medical.com](http://www.vela-medical.com)

### 1.3.3. SURGE PROTECTION

A fuse is installed on the chair which secures the chair against power surges. The replaceable part of the fuse has the following specifications:

:: Flat fuse, type: ATOF blade fuse, fast-acting

:: Voltage: 32V

:: Current: 10A

:: Max. current: 1000A

Replacement of the fuse may only be performed by professionals, as the cause of the breach must be documented for safety reasons.

## IN GENERAL

### 1.4. LABELS USED ON THE CHAIR

Warning	Risk of shear and squeeze: Keep hands and fingers away from moving parts
Icon	Read "Instruction For Use" before use
Icon	Part used: Type B cf. IEC60601-1 covering the following areas of the chair:
Labels	60 x 22.5 mm  The last six digits are the product ID number:  This label only applies to chairs with electrical functions: The chair is IP21 approved, which corresponds to protection against water droplets as well as against touching dangerous parts with a finger.

Labels on the chair should be read at a distance of approx. 40 cm under normal

### 1.5. SAFETY

This chair bears the CE mark and approved under the model name "VELA Tango" and conforms to all applicable EU rules. The chair is manufactured by VELA Medical, Goeteborgvej 8-12, 9200 Aalborg SV, Denmark.

The VELA Tango with electrical functions meets all safety requirements according to IEC 60601-1, including

requirements for EMC according to IEC60601-1-2.

#### 1.5.1. INTENDED USE

This device is intended to support a user in a sitting posture while performing indoor activities of daily living including work activities.

:: The chair is not built to stand on

:: The wheel brake must always be activated when sitting down or standing up

All variants of this chair are tested and approved for a maximum load of 160 kg. For optimal use, the chair's recommended user weight is 50-130 kg with gas cartridge and 50-145 kg with electric height.

### 1.5.2. TRANSPORT

When transporting the chair by car, airplane or any other means of transport, always use the chair brake. The chair is not approved for use as a passenger seat in any means of transportation and may not be used as such.

**The chair is designed to be transported under the following environmental conditions:**

Temperature: - 20°C to + 60°C

Humidity: 15-95%

Allow the chair to stand for 24 hours before use if it has been stored below - 10°C.

### 1.6. WARRANTY

VELA Medical grants a right of claim under applicable law in the country where the chair is acquired. The right of complaint applies only when using original spare parts and accessories, as well as customisations made by professionals.

Note: if an exclusive contractual agreement has been made directly with VELA Medical, this applies!

VELA Medical assumes no liability for damages to the product or the user caused by:

:: Transportation

:: Misuse

:: Normal wear and tear

:: Wrong use

:: Use of spare parts and accessories that are not original VELA Medical products

::



You can find various guides on [www.vela-medical.com](http://www.vela-medical.com).

The chair's life expectancy is five years for regular and proper use. We recommend that VELA, your VELA supplier or a trained professional perform an annual inspection with the replacement of worn parts.

#### **1.8.1. WHEELS**

We recommend you regularly check the wheels and remove any residual threads, etc.

#### **1.8.2. FRAME**

Clean with lukewarm water and if necessary, add some pH-neutral detergent.

#### **1.8.3. PADDING**

**Fabric:** Clean by chemical cleaning, with furniture cleaner or with water using a hard-wrung cloth.

**Synthetic fabric or leather:** Clean with water or mild soap using a hard-wrung cloth.

**Medical textiles:** Clean as described above. Can also be cleaned with disinfectants and alcohol. To see which specific concentrations the different pad types can handle, see [www.vela-medical.com](http://www.vela-medical.com)

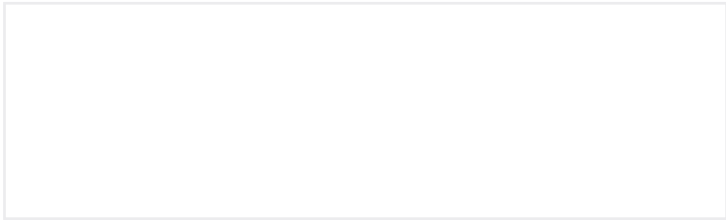
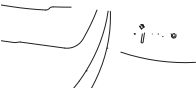
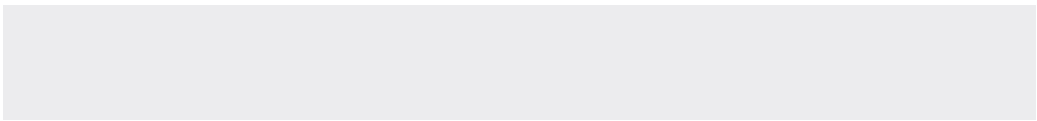
Note: On [www.vela-medical.com](http://www.vela-medical.com) you can find cleaning instructions for all our standard upholstery types.

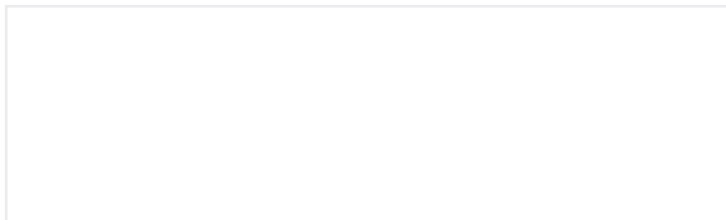
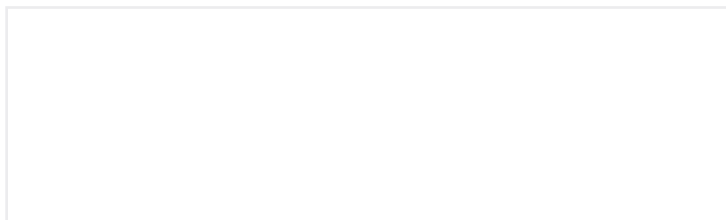
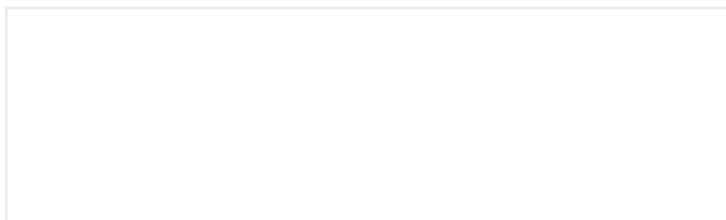
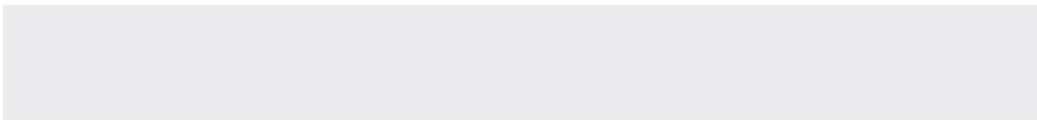
### **1.9. RECYCLING AND DISPOSAL**

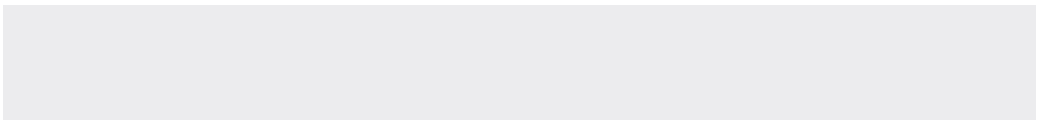
This product contains recyclable materials. Therefore, the product must be disposed of in accordance with local regulations and not together with ordinary household waste. Proper disposal and recycling will help prevent negative effects on the environment and people.

Note: Electrical and electronic equipment and accompanying batteries contain materials, components and substances that can be harmful to human health and the environment if the waste is not handled properly.

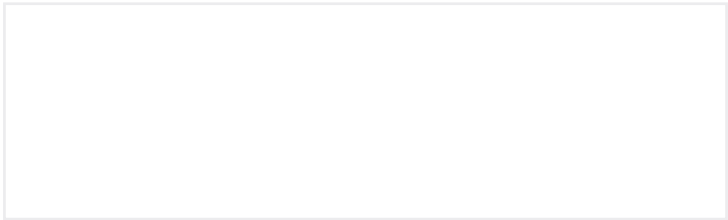
Electrical and electronic equipment and batteries are marked with the

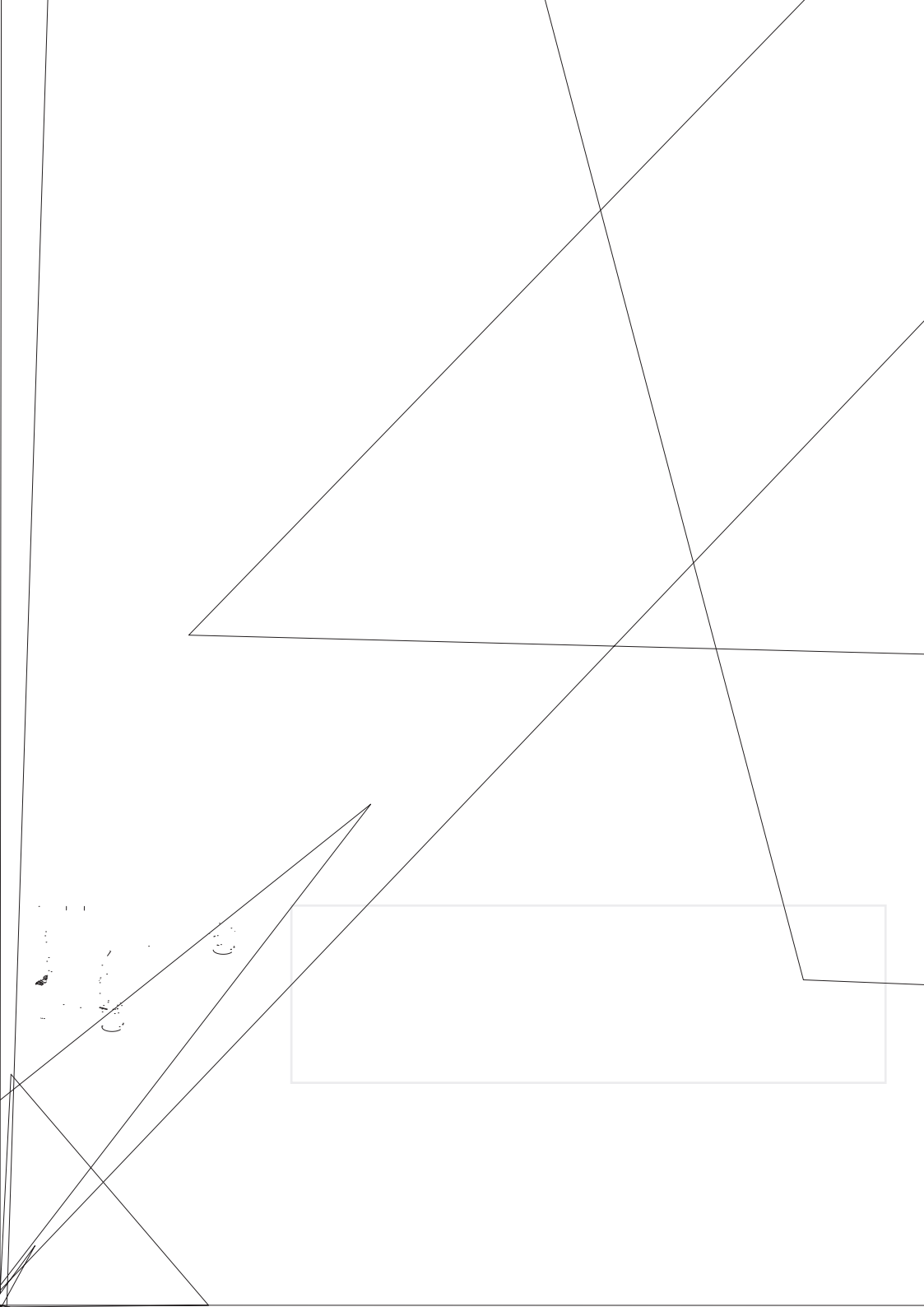


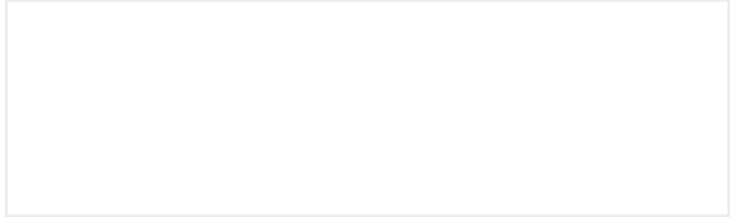




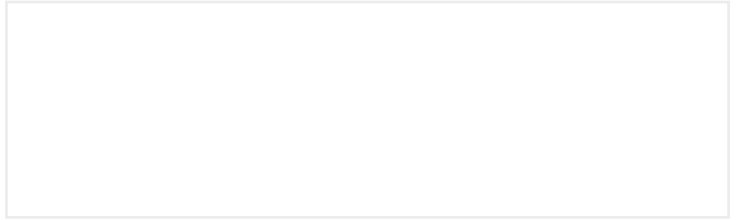
Handwritten scribbles and marks, including a checkmark and some illegible characters.

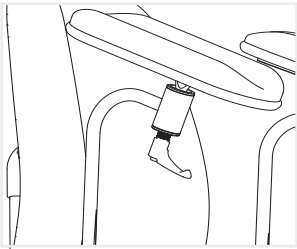


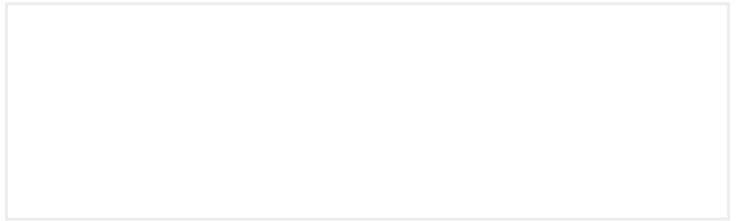
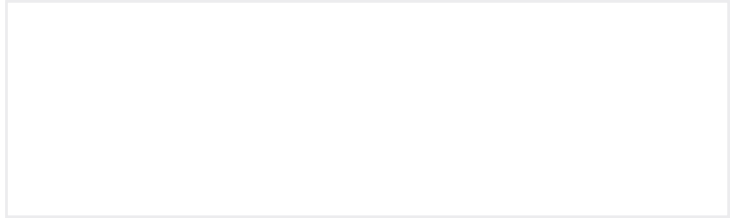




2021







1