

User Manual

MODEL : SIMPLE UP 2.0 - SU-1350-CL



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Read this manual before using the Simple Up CL with all its functions!

Make sure to keep the user manual near the Simple Up CL.
Employees must be instructed before use.

The content of this manual are subject to change without notice.

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TABEL OF CONTENTS

SAFETY INSTRUCTIONS	4
User end	4
Safety	4
USER INSTRUCTIONS	5
Simple Up Controller	5
Battery charging	5
Connection of the charger	5
Control panel	5
Schematics	6
Control the Simple Up CL	7
Remote Control.	7
Safety bar (optional)	8
Lateral foot exposure	9
Maintenance and cleaning	9
Charging battery	9
Warranty – when used in accordance with the manufacturers operator manual.	9
Use in image	10
SPECIFICATIONS	11
DECLARATION OF CONFORMITY	12
WARRENTY	13
CLEANING PROTOCOL SIMPLE UP CL PATIENT LIFT PLATFORM	14
MAINTENANCE	15
Preventive maintenance for the Simple Up CL	15
Solving problems	16



SAFETY INSTRUCTIONS

User end

The Simple Up CL is an electrically operated device intended for lifting persons in a medical environment for safer and ergonomic X-rays and other medical examinations.



Safety

To ensure the safety of both yourself as your client, a number of safety regulations must be followed

1. Ensure that personnel are trained in the use of the Simple Up CL
2. Never leave the client on the Simple Up CL without supervision
3. ALWAYS respect the maximum lifting capacity (200kg)
4. It is absolutely forbidden to move the Simple Up CL with the client on the unit
5. Ensure that the client is always holding the hand rails
6. The device is not intended for transporting and / or lifting good
7. Ensure the area surrounding the device is free from potential obstruction that may interfere
8. Charge the battery on time
9. Do not store the Simple Up CL with an empty battery



ATTENTION

Simple Up SU-1350 CL runs on a Lithium-Ion battery. Use only the supplied charger for this 100V-240/50-60Hz.



ATTENTION

The Simple Up SU-1350-CL cannot be used during charging!



WARNING

The client may only get on and off when the Simple Up CL is in the safe mode. See chapter “User instruction” page 5 for more information.



USER INSTRUCTIONS

Simple Up Controller

The Simple Up CL controller has 4 modes.

- 1. Safe mode¹:**
The client can step on or off and the Simple Up can move up and down. The Simple Up CL is “not” on its wheels and is waiting for a signal from the up or down button. The LED bars are on the green position and are lit continuously.
- 2. Unsafe mode²:**
The Simple Up stands on its wheels. The client cannot stand on the Simple Up CL while it is in this mode. The LED bars are on the red position and flashes every 30 seconds.
- 3. Working mode:**
The Simple Up stands on its bodywork with its wheels off the ground. The client stands on the Simple Up CL. While in the working mode, the Simple Up is able to move up and down. The LED bars are flashing red all the time during the movement. After 30 seconds the LED bars will go out, when the unit is not used.
- 4. Sleep mode:**
When the unit is not used during a period of 30 seconds, the unit will go into a sleep mode. All of the LED's are turned off. By making use of the buttons on the controller the Simple Up CL will go out of its sleep mode.

Battery charging

When there is 1 red, 1 orange & 1 green LED lit on the control panel then the battery is 25% charged. The recommendation is to charge the Simple Up CL.

When the Simple Up CL is in the up most position and it won't function anymore, that means that the battery are probably empty. You can connect the charger and the Simple Up CL will only go down one time to the safe mode, so that the client can go off the Simple Up CL safely. The Simple Up CL can then set on its wheels. Replace the Simple Up CL to a safer spot and start charging the unit until all the LED's on the control panel are full again. During the charging you see the LED's flash up. (*figure 3 – page 6*)

Connection of the charger

The connection for the charger is located on the under part of the frame, on the short side of the unit. (*figure 4 - page 6*). Put the plug into the outlet.



ATTENTION

It is not possible to use the Simple Up CL during charging. When the battery is complete drained, it will take around 4-5 hours to recharge the battery. You can follow the charging process on the control panel by the red, orange & green LED lights.

Control panel

The Control panel is located on the short side off the Simple Up CL (*figure 1 & 2- page 6*). The Simple Up is controlled by pushing on the “up” or “down” buttons. You can also use these buttons to get the Simple Up CL out of the sleep mode.

¹ *Figuur 5 - pagina 6*

² *Figuur 6 - pagina 6*

Schematics

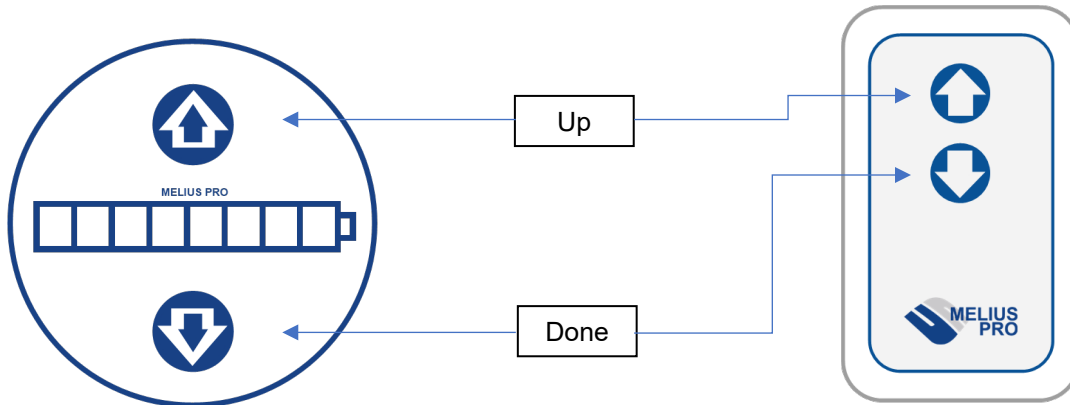


Figure 1 : Control panel

Figure 2 : Remote control



Figure 3 : Battery indication



Figure 4 : Charger connection

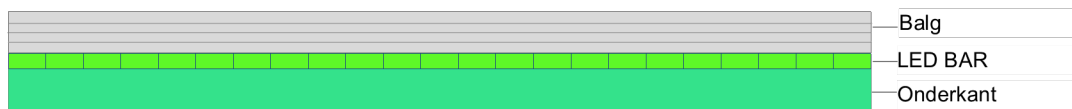


Figure 5 : Safe mode

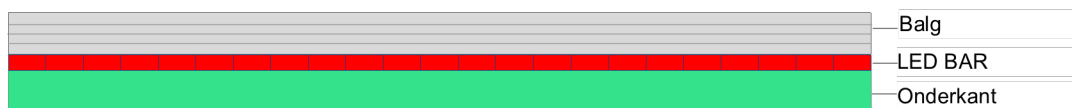


Figure 6 : unsafe mode



Control the Simple Up CL

Step 1 – Putting the Unit on its wheels

By pushing the down button on the Simple UP CL, the unit will go out of the sleep mode. The LED bar will flash red. Put the Simple Up CL on its wheels by pushing the down button one time. The Simple Up CL moves to its down position until it stands completely on its wheels. You will hear a short beep sound. You can now replace the Simple Up CL.

Step 2 – Replacement

Place the Simple Up CL before the desired spot in front of the detector.

ATTENTION: Make sure that the Simple Up won't hit the detector once it moves up.

Step 3 – Client steps on the Simple Up CL

Push once on the “up” button. The Simple Up CL goes up from its wheels to the safe mode. The LED bar lit up green and you will hear a short beep sound. The client can now step on the Simple Up CL.

Note: It is possible that the Simple Up CL goes in sleep mode after 30 seconds. Push on time on the “up” button to activate the unit again.

Step 4 – Lifting Up

Keep the “up” button pressed to lift the client to the desired height. Once the “up” button is released the Simple Up CL stops directly with lifting.

Step 5 – Lifting Down

Press 2x the “down” button and the Simple Up CL will go down automatically until it reaches the safe mode. Once the LED bars are lit green it is safe for the client to step off the Simple Up CL.

Step 6 – Replacement

Press once on the “down” button to put the Simple Up CL on its wheels. The LED bars will flash red. You will hear a short beep sound once the unit stands completely on its wheels. The Simple Up CL can now be moved.

Step 7 – Sleep mode

The advice is to put the Simple Up CL on the safe mode when it is not used. This way it will prevent damage to the wheels.

Remote Control.

Connect the Remote Control to the DIN connector under the control panel on the Simple Up.

Bluetooth Remote Control.

When the battery of the Bluetooth Remote Control is empty, two short beeps will be emitted. Connect the Bluetooth Remote Control to the supplied cable to charge it. Charging takes approximately 4 hours. When the Bluetooth Remote Control is fully charged, a short beep is emitted.



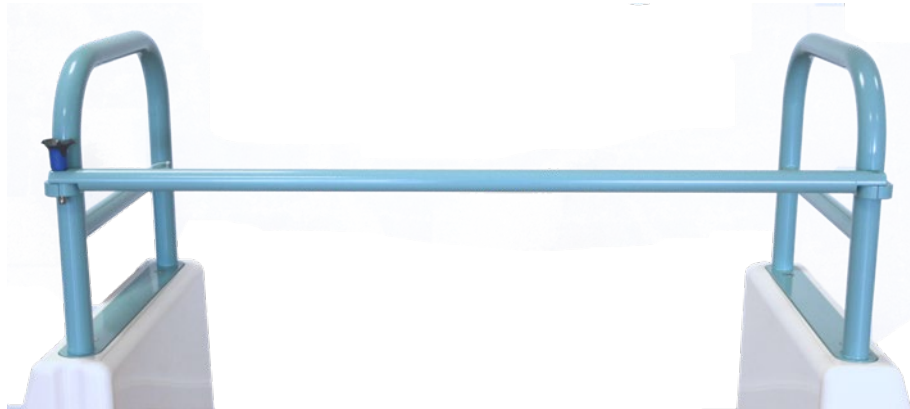
Economical with the battery.

To prevent unnecessary reduction of the battery voltage, the Simple Up CL switches to sleep mode after 30 seconds. By pressing the “up” or “down” buttons on the control panel or remote control, the Simple Up CL wakes up from sleep mode.



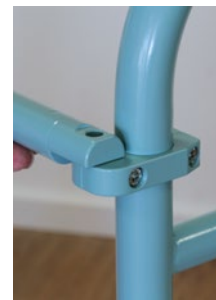
Safety bar (optional)

To install the Safety bar onto the Simple Up CI follow the steps bellow.



Step 1

Place the bar onto the bracket.



Step 2

Insert the quick release knob while pressing the pin. Do this on both sides.



To remove the bar, press the pin and remove the quick release knob. Do this on both sides.



Lateral foot exposure

When making a lateral foot exposure, the metal support structure of the Simple Up CL may cause reflex scattering in the image. For example, place a 2 cm thick PVC plate under the foot. The foot now moves further away from the frame and the scattering is prevented.



Maintenance and cleaning

The Simple Up CL is designed for maintenance free use. We recommend regular cleaning with a moist cloth, if necessary use a mild detergent. For more information about disinfection see page 14 “Disinfection protocol”.



Charging battery

The battery may only be charged with the supplied charger. Do not use any other charger as this may cause serious damage.

When the Simple Up CL reports that the battery is running low, the unit must be connected to the main outlet. Depending on the residual current, this can take 4-5 hours until the battery is fully charged.

During charging, the Simple Up CL can go down again to safe mode, so that the patient can get off safely. The Simple Up CL can then be put on the wheels once more.



ATTENTION

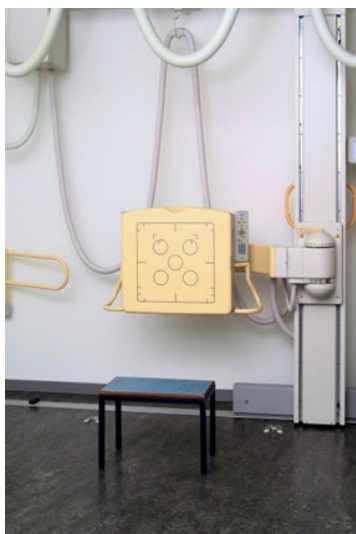
During charging the Simple Up CL cannot be used.

The battery can be charged approximately 1.300 times before it needs to be replaced. For efficient and long-term use of the battery, it is recommended not to charge until the indicator shows that the voltage is low (2 LED lit, one red & orange, on the control panel).

Warranty – when used in accordance with the manufacturers operator manual.

Melius Pro B.V. grants a one year warranty on parts. Warranty period commences from invoice date. Warranty claim for faults/damages caused by inappropriate or non-recommended use (e.g. overloading, wrong or injudicious use) are excluded from warranty. Cost for repair will be charged in those cases. Warranty is void should the product be (partly) disassembled or assembled by any person not properly qualified as a technician. Battery is excluded from warranty.

Use in image



Old situation



Old situation with tube



New situation



Step up



Make X-ray



Step off



Thorax while sitting



Simple Up in use for CVI examination



SPECIFICATIONS

Simple Up CL specifications Model code SU-1350-CL

Standard equipment

Dimension	L 131 x W 52 x 112 cm
Standing area	L74 x W 47 cm
Standing surface	Rubber anti-slip mat
System weight	90 kg
Step height (min)	15,5 cm
Max. lift height	85 cm
Max. weight client	200 kg (31 ½ st)
Power system	1x integral 29,6 V Lithium-Ion battery
Battery charges	ca. 1.300 cycles with 50% depletion from 0% to 80% ca. 3 hours, from 80% to 100% ca. 2 hours.
Charge time	
Battery charger	Integrated. Charging by 36 Volts adapter
Battery low indicator	Audible warning with 90% capacity
Mobility	4 ball bearing wheels
Operation method	Control panel or Remote Control
Safety standards	Approved MDD 93 / 42 / EEC
Safety protection	Lift mechanism – High quality harmonica bellows

Optional extras

Safety bar
 Patient seat assembly for CVI investigation
 Reserve battery
 Remote control with cable and holder
 Remote control with cable and hook
 Bluetooth Remote control with holder

For the more technically minded

Battery	29,6 V Lithium-Ion, 296 Wh
Battery charger	Intergraded
Adapter	120 Watt / 36 VDC off / 80V 264VAC in / 47 63 Hz
Safe mode consumption	150 µA
Operational temperature	Between +4 & +45 C
Storage temperature	Between – 10 & +50 C
Noise	< 60 dB
ID label	Above the 220V charger socket
Classification	MDD Class I, electrical safety Class II, type B
MDD registration	NL – CA002-2012-25320



93 / 42 / EEC Class 1, type B registration NL – CA002-2012-25320



DECLARATION OF CONFORMITY

Declaration of Conformity

Manufacturer Melius Pro b.v.
Hamersveldseweg 135a
3833 GN Leusden
Nederland



We declare that the product:

Persons lifting platform branded Simple Up, type SU-1350-A/B/LIT/CL and SU 200.2.1. with serial number 1.001 and higher,

In conformity is with directive:

**93/ 42/ EEG, 89/ 392/ EEG,
MRL 91/ 368/ EEG, MRL 93/ 44/ EEG,
93/ 68/ EEG, EMC 89/ 336/ EEG, EMC
92/ 31/ EEG**

Changes to the product carried out without our consent invalidate this declaration.

The declaration is based on the norm:

NEN-EN-ISO 14971:2009

This declaration is issued by the responsible manufacturer.

Nederland, Leusden, 1 februari 2011



J. van Halderen
Melius Pro b.v.



WARRENTY

Leusden, 27-11-2019

Simple Up CL persons lift for use in a medical environment

Warranty

Melius Pro B.V. guarantees that this product will operate substantially in accordance with the relevant published specification for a period of twelve months from the date of the purchase invoice.

Under this warranty (which is non-transferable) Melius Pro B.V. will, at its option, replace free of charge the product manufactured by Melius Pro b.v. or replace free of charge components of the product found to be defective. All replacements will take place through the authorised distributor. The warranty does not extend to any consequential loss or damage. After replacement there will be a further warranty period of 12 months in respect of the replaced part or parts which will be calculated from the date of return of the product or component to you.

This warranty is only valid if:

1. The product has been installed, used and maintained in accordance with the user's manual of the product. **We explicitly refer to NEVER exceed the indicated max. load.**
2. The defect is not due to normal wear and tear, accident, fire, tampering, molest or natural disaster. Misuse or abuse (including without limit dropping or immersing the product or a part of the product in water or other liquid substance), neglect or to repair other than by Melius Pro B.V. authorised distributors or damage caused by foreign objects or substances.

This warranty does not extend to battery, fuses or consumable accessories.

All claims under guarantee must be submitted in writing to the product supplier and must be received no later than the last day of the warranty period. All claims must be accompanied by proof of purchase and serial number.

Melius Pro B.V. reserves the right to change the product, packaging and documentation specification without notice.

This warranty does not affect statutory rights.



Cleaning Protocol Simple Up CL Patient Lift Platform

Leusden, 01-06-2018

Simple Up Patient Lift Platform is not resistant to disinfecting using a sterilizer or autoclave or any device that uses heat and / or steam for cleaning and disinfection purposes.

For surface cleaning of the Simple Up patient lift platform Melius Pro B.V. approves:

Products containing diluted:

- Cocoalkyl dimethylbenzyl Ammonium chloride
- Chloroxymenol
- E.g. applied in products such as Lysol, Dettol, Tuffie wipes etc
- Mild detergents commonly used for dishwashing.

Approved by:

Melius Pro B.V.



Vincent Kramer

Director/owner



MAINTENANCE

Preventive maintenance for the Simple Up CL

Simple Up CL does not require extensive maintenance.

Period	
Regular	Keep the handrails clean, preferably with disinfectant wipes
Monthly, or when dirty	Clean the rubber anti-slip mat. Remove loose dirt with a soft brush and wipe with a damp cloth.
Yearly	Check for damage, if necessary advise measures or ask for advice. Check the wheels Cleaning the polyester housing, preferably with disinfection wipes. Clean the protective bellows, remove any dust and wipe with a damp cloth. Clean the handrails Perform a functional check



Solving problems

The overview below can help you find the cause of the fault. Under no circumstances should you alter the device by yourself. Only by Melius Pro B.V. authorized technicians are allowed to open the device.

Problem	Possible cause	Solution
Display is off, LED's are not lit	Activate the display by pressing the "up" or "down" button. The LED should be lit/	The device goes in to sleep mode after 30 seconds of not using the device
Display still is dark	Surrounding temperature is to low	Heat the room until at least +4° Celsius
	Battery is empty	Connect the charger to the device On the control panel the LED will turn green. When there are 6 green, 1 red, 1 orange LED are lit then the battery is fully charged.
	Check the main outlet	Connect a different electronic device on the main outlet. When the device doesn't turn on there is no power in the room. Contact your electrician.
	Check the charger	If the charger is damaged, please replace the charger for a new one.
	Display still is dark	Please contact your supplier
Device will not go up	Check the battery status on the control panel	When there is 1 red LED lit or none LED at all, then the battery could be empty. Look under "display still is dark" for a solution.
Device still doesn't response	Battery is defect	Please contact your supplier
The battery is full but the device won't go up	The device is not horizontal	On the control panel the middle LED will lit red. Please contact your supplier.
The device stops going up	The device is blocked by an object	Remove the blocking object. Hold the "down" button until the device stops. Hit the "down" button again to put the device on its wheels. Start the process again with the object removed.
The device shakes during transport	Check the wheels	Exchange the wheel that is no longer round, damaged or bent.
Remote Control doesn't work	Check the DIN plug on wire break/ No Bluetooth connection	Exchange the Remote Control / Charge the Bluetooth device.
Standing area is damaged	Wear	Rubber mat has to be changed