



nibolo[®]

let's ride together

USER'S GUIDE

nibolo | med

nibolo | pro

nibolo | cell

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NUBOLO® maintains a policy of constant evolution of its products; therefore we reserve the right to modify this document consequently.
The last version of this document is available on www.nubolo.com. The products described in this document are protected by several patents in several countries.
For more information visit www.nubolo.com.

1 EXPECTED USE

All Nubolo models described in this guide were designed to be used as postural support surface on wheelchairs or other chairs, in order to protect the patient's skin and prevent Pressure Ulcers (PU). Nubolo dynamic models execute an alternate movement pumping air flow and favoring blood circulation to avoid necrosis of the human tissue.

All Nubolo's models must be used with the standard or special incontinence nubolo covers.

The base's dimensions and configuration must be selected depending on the patient's weight and the chair's dimensions, following the instructions in chapter 4 of this document.

NUBOLO® recommends consulting a Health specialist (such as doctor, physical therapist, orthopedic technician experienced in postural positioning), to determine the best model for each case: specific diagnosis needs, and characteristics of the surface used to install the cushion.

NUBOLO|CELL

Nubolo|Cell is advised for users:

- With low risk of Pressure Ulcers.
- With slight limited mobility.
- Who wish to improve comfort of their working space.

NUBOLO|PRO

Nubolo|Pro is advised for users:


- With medium-low risk of Pressure Ulcers.
- With limited mobility.
- Who need to change positions frequently.
- With symmetric or very slightly asymmetric postures.
- Who remain seated in their work place for large periods.

NUBOLO|MED

Nubolo|Med is advised for users:

- With high risk of Pressure Ulcers.
- With partial or no sensibility.
- With damaged skin.
- With previous skin damages.
- With asymmetric postures.

2 PRECAUTIONS

- ⚠ Check skin status frequently, at least once a day. Skin tissue degradation can be caused by several factors and appear in several forms depending on each person. Redness, hematomas, or skin discoloration may indicate skin deterioration. If this occurs consult a specialist immediately.
- ⚠ Check cushion's functioning and inflation frequently, at least once a day. If any problem occurs consult your local distributor immediately.
- ⚠ All Nubolo's models must be used with the standard or special incontinence nubolo covers. Cover MUST be the compatible Base size.
- ⚠ DO NOT use Nubolo with or on any material not indicated in this guide. Doing so could cause damage, malfunctioning, instability and user's risk of falling.
- ⚠ DO NOT use the cushion if not correctly inflated. Low inflation could cause absence of body support and appearance of undesired pressure points on skin tissue.
- ⚠ Nubolo MUST BE used in the correct orientation and position described in this guide. The cushion's Base must be installed with air cells facing up and the posterior area must be placed at the back of the chair.
- ⚠ To avoid air cells perforation, keep the cushion far from sharp or cutting objects. To repair a perforated air cell contact your local distributor.
- ⚠ DO NOT expose Nubolo to intense heat, flames or hot ashes.
- ⚠ DO NOT use Nubolo components separately.
- ⚠ DO NOT use Control Unit as handle to transport the cushion. Use the proper handles present on the cover's posterior area..
- ⚠ If the cushion was exposed to temperatures below 0°C or superior to 40°C and shows suspicious behavior or aspect let it come back to a temperature of 18-23°C.
- ⚠ Altitude changes (+300m) may require pressure readjustments.
- ⚠ DO NOT use the cushion during battery charge.
-  Electrical products used in Nubolo must not be disposed of in normal garbage dispensers. Please recycle them in due installations. Contact your local authority or distributor for more information about recycling them.

3 PART DETAILS



A. Base: 2 volume connected Air Cells divided in 4 or 8 areas, depending on the model. Available in different heights.

B. Standard Cover: Used to protect, transport and attach the Base. Includes transport handle.

C. Control Unit: Included with Nubolo|Pro and Nubolo|Med. Autonomous powering and controlling device for inflation and deflation of the air cells.

D. Manual Manometer: Included with Nubolo|Cell. Used to inflate air cells manually adjusting pressures determined by your specialist.

E. External Battery: Included with Nubolo|Pro

F. Charger: Included with Nubolo|Pro and Nubolo|Med. Charges with 230V to 50Hz.

G. User's Guide: Instructions for product's use, adjustment, care, functioning and other important information.

H. Warranty Card: Authenticity Certificate with date of purchase. (Keep this document at all time)

4 PRODUCT SPECIFICITY

MATERIALS

All models bases described in this guide are made in latex and velvet fabric with VELCRO® system to allow easy repair. Nubolo|Cell valves are made of propylene.

Standard cushion cover is manufactured in polyester (86%) and elastin (14%) in the superior area. 3D lateral fabric is 100% transpirable polyester. Inferior area is anti-sliding fabric 90% PVC and 10% cotton. Transport handles are high resistant nylon.

Control units included in Nubolo|Pro and Nubolo|Med are protected from impact thanks to their polystyrene carcass.



This product contains latex avoid direct contact with users hypersensitive or allergic to latex.

DIMENSIONS

Nubolo is available in the following sizes

MODEL	REF.	DIMENSIONS	HEIGHT		AREAS
		Whith x Depht (cm)	Contour (mm)	Interior (mm)	
Nubolo Cell	M1003840A	38 x 40	100	75	4
	M1003840B	38 x 40	75	75	
	M1004040A	40 x 40	100	75	
	M1004040B	40 x 40	75	75	
	M1004042A	40 x 42	100	75	
	M1004042B	40 x 42	75	75	
	M1004240A	42 x 40	100	75	
	M1004240B	42 x 40	75	75	
	M1004242A	42 x 42	100	75	
	M1004242B	42 x 42	75	75	
	M1004046A	40 x 46	100	75	
	M1004046C	40 x 46	100	100	
	M1004048A	40 x 48	100	75	
	M1004048C	40 x 48	100	100	
	M1004246A	42 x 46	100	75	
	M1004246C	42 x 46	100	100	
	M1004248A	42 x 48	100	75	
	M1004248C	42 x 48	100	100	

MODEL	REF.	DIMENSIONS Width x Depth (cm)	HEIGHT Contour Interior (mm)		AREAS
Nubolo Pro	M2003840A	38 x 40	100	75	4
	M2003840B	38 x 40	75	75	
	M2004040A	40 x 40	100	75	
	M2004040B	40 x 40	75	75	
	M2004042A	40 x 42	100	75	
	M2004042B	40 x 42	75	75	
	M2004240A	42 x 40	100	75	
	M2004240B	42 x 40	75	75	
	M2004242A	42 x 42	100	75	
	M2004242B	42 x 42	75	75	
	M2004046A	40 x 46	100	75	
	M2004046C	40 x 46	100	100	
	M2004048A	40 x 48	100	75	
	M2004048C	40 x 48	100	100	
	M2004246A	42 x 46	100	75	
	M2004246C	42 x 46	100	100	
	M2004248A	42 x 48	100	75	
	M2004248C	42 x 48	100	100	

Nubolo Med	M2003840X	38 x 40	Follow Prescription	8
	M2004040X	40 x 40		
	M2004042X	40 x 42		
	M2004240X	42 x 40		
	M2004242X	42 x 42		
	M2004046X	40 x 46		
	M2004048X	40 x 48		
	M2004246X	42 x 46		
	M2004248X	42 x 48		

5 USING INSTRUCTIONS

CUSHION POSITIONNING

1. Make sure you have the correct cover and position for the base of your cushion. If not, follow the instructions “Cover replacement” in this chapter.
2. Put the cushion on the selected chair, ensure that it is centered, positioned correctly with the label FRONT in the front of the chair and that the air cells are facing up.
3. Make sure the cushion doesn't move once installed on the chair by pulling it slightly towards the front. If it moves ensure that it has not been positioned backwards. If it is repeat step 1.

USING THE CUSHION

NUBOLO|CELL

4. Locate the 4 inflation valves situated in the front of the cushion. Insert the manual inflating device connector in the first cushion's connector until you hear a “click” sound. Start pumping rapidly the air until the needle reaches the established number for each designated area following user's specific needs.
5. Once the targeted number is reached disconnect the manual inflating device pressing the grey button with your thumb. The connector prevents air from escaping the air cells.
6. Repeat steps 4 and 5 for each area.

NUBOLO|PRO / NUBOLO|MED

4. Without being seated on the cushion, press the Control Unit's Home Button for 3 seconds until you hear a beeping sound meaning the system has initiated. Initial inflation of each area will start automatically. Once inflated you will hear another beeping sound.
5. Once inflated the user may sit on the cushion, ensuring he is centered and in his usual position.
6. Open the mobile application, select the program you wish to activate and press start. If using Nubolo|Med the System will initiate automatically.
7. In a few seconds the cushion must start functioning.

EXTRACTION AND COVER REPLACEMENT

Follow these steps for cover extraction:

1. Extract the cover when you wish to wash it or change it. Make sure the device is stopped and the air cells deflated. Place the cushion on a flat surface.
2. Separate the 2 frontal Velcro® parts pulling the superior fabric.

3. Place the palm of one hand below the Base and hold the cover with the other one. Rise the Base with your hand and take it out smoothly until all the air cells are free from the cover.

For cover replacement repeat the procedure backwards:

4. Make sure the device is stopped and the air cells deflated. Place the cushion on a flat surface.

5. Open the frontal Velcro® completely, smooth fabric facing up.

6. Hold the air cell Base from below with the palm of your hand facing up and introduce it inside the cover, the frontal part (tubes) must be facing you.

7. Close the frontal Velcro®, make sure the superior part of the cushion is well positioned and the sides are uniformly placed around the air cells.

PRODUCT CLEANING AND DISINFECTION

Cleaning and disinfection of the product are two separate procedures. Cleaning must precede disinfection. The product must be cleaned, disinfected and checked after each use to avoid malfunctioning.

COVER CLEANING

Take out the cushion's cover following instructions detailed previously. Wash it with tepid water (40°C) and delicate or neutral detergent. Do not use chlorine. Rinse the cover with cold water. Dry it at low temperature.

COVER DISINFECTION

To disinfect the cover wash it in the washing machine with hot water (80°C). Let it dry with air.

NUBOLO® will not be responsible for damages due to washing machine or dryer use.

WASH THE CUSHION

Take out the cover and disconnect Control Unit for Nubolo|Pro and Nubolo|Med. Wash it by hand and warm water with a cloth or a sponge. Use clothing detergents not bleach. DO NOT submerge. Dry it with a towel. DO NOT let it dry in the sun or near heaters.

CUSHION DISINFECTION

Repeat cleaning instructions as explained above using a germicide product fulfilling infection control needs. Rinse and dry following cleaning instructions.

6 PROBLEM SOLUTIONS

AIR ESCAPES FROM THE CUSHION

1. Check that all connectors are correctly plugged in the corresponding tubes. If one of the air cells connections is free connect it to the corresponding tube.
2. Check that all the air cells are correctly connected to the air distribution white junction.
3. If any tube or air cell presents a hole or defect contact your local distributor for repair.

NUBOLO|PRO AND NUBOLO|MED

1. Check that battery is correctly charged and connected to the device. Press the ON/OFF button as explained in chapter 5. Wait for total inflation of the cushion.
2. Check for any air loss (you should hear a light humming) Follow these steps:
 - 2.1. If one of the air cells connections is free or badly connected connect it to the corresponding tube.
 - 2.2 If any tube or air cell presents a hole or defect contact your local distributor for repair.

THE CONTROL UNIT DOES NOT TURN ON

1. Check that battery is correctly charged and connected to the device.
2. Press the ON/OFF button again.
3. If the problem persists contact your local distributor.

UNCOMFORTABLE OR UNESTABLE CUSHION

1. Make sure the cushion is not over inflated (check using instructions).
2. Make sure air cells are facing up and the cushion is placed correctly with the tubes on the frontal part of the chair, (as indicated in chapter 5 - cushion positioning).
3. Make sure the size of your cushion is the correct one for the selected seat.

THE CUSHION SLIDES ON THE CHAIR

Make sure the air cells are facing up, the coarse part of the cover in contact with the chair.

7 WARRANTY AND RETURN POLICY

LIMITED WARRANTY

This Warranty includes:

NUBOLO® guarantees absence of defects in materials and manufacturing of the product.

For how long?

Warranty starts the day you purchased the product:

Control Unit	24 months
Inflatable Cushion	1 year
Battery and accessories	1 year
Standard Cover	30 days

This Warranty DOES NOT include:

NUBOLO® shall not be liable under this warranty if any damage or defect results from misuse, abuse, neglect, improper shipping, configuration or installation; accidents, service or alteration; damages incurred through irresponsible use, or other non-recommended practices as indicated in this user guide. Any after-market additions or modifications will not be warranted.

Responsibility Discharge

NUBOLO® shall not be liable under this warranty for any damage loss, cost, expense, inconvenience or damage that may result from use or inability to use this product.

RETURNING POLICY

Steps to follow:

Contact your local authorized NUBOLO® distributor or NUBOLO® customer service (contact information at the end of this document).

Visit our NUBOLO® website (www.nubolo.com) for more information about our local authorized distributors.

8 CONTACT INFORMATION



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