

INGLESE - cod.220328 - 27/07/2021



**ORMESA®**  
• MADE IN ITALY SINCE 1980 •

**APP** multisensorial  
standing





# A new concept in standing.

**App Multisensorial Standing** is a vertical stander designed by Ormesa to make therapy more enjoyable and engaging, thanks to an extraordinary multi-sensory experience.

A patented electronic device mounted under the platform transforms **any audio or video signal into vibrations**.

The vibrations propagate throughout the entire structure, (including the platform, knee pads, supports and table) **allowing the child to experience gratifying multisensory stimuli**.

**Its structure contains without constraint, adapting in a simple and effective way to the different postural needs.**

PRODUCT  
MARKED 

APP MULTISENSORIAL STANDING is a MEDICAL DEVICE that COMPLIES WITH THE SAFETY REQUIREMENTS defined with the REGULATION (EU) 2017/745



# Music, rhythms and vibrations: connect your device!

App Multisensorial Standing can connect to any educational or interactive tool, such as a tablet, computer, console, educational software, and so on.

Sounds transformed into vibrations reinforce rehabilitative activities, making them dynamic, interactive and engaging.

**The static standing position becomes a dynamic experience.**



## Stimulation for learning

For children with difficulties processing perceptual inputs and motor outputs, **App Multisensorial Standing is an exceptional tool for stimulation and learning.**

With music, sounds, rhythms and vibrations, App Multisensorial Standing revolutionizes standing moments. The containment elements become vehicles of **new stimuli and enjoyment for the child.**





# Multisensory

## Sensory stimuli help to overcome physical and emotional barriers

App Multisensorial Standing makes rehabilitation exercises, to **improve posture, environmental interaction, hand-eye coordination and cognitive skills**, far more effective.

With App Multisensorial Standing **therapy becomes a pleasant and fun moment**, able to stimulate the attention and motivation of the child. The various activities that can be offered through **App Multisensorial Standing facilitate exercise and therapeutic interventions, and encourage the participation of the child.**

Cause-and-effect applications (e.g. drums) can be used for cognitive and motor work, with different drums producing sounds and vibrations of varying intensities. Watching a video of a racing car, in which different engine speeds produce different vibrations, makes the experience more real and fun for the child.

### Perception



Refusal of standing therapy.

### Discovery



Perception of vibrations and the discovery of sound.

### Motivation



Acceptance of the rehabilitation process.





# Technical features and adjustments



## Frame

no edge frame, in order to enable trunk rotation and upper limbs motion. Height adjustable frame with **"safety locking system"**.

## Tools free

adjustments without tools but with special knobs, designed by Ormesa, with effective and safe grip. The knobs effectively maintain the tightening thanks to an internal mechanism that does not mark and ruin the tube.



## Graduated bars

to help finding the right postural setting chosen by the therapist.



## Patented electronic device control panel

with volume and vibration intensity adjustment.

Patented electronic device.



# Pelvic support and thoracic support

**independently adjustable** in circumference, height and forward-backward. If the user has sufficient trunk control, the thoracic support can be removed.





## Birch plywood table

designed for educational purposes and for supporting upper limbs, it can be removed to facilitate upper limb and trunk exercises. Height, inclination and forward-backward adjustments.



## Knee pads

with removable, washable padding and with holes for patellar discharge. Independently adjustable in height, rotation, abduction and forward-backward.



## Heel stops

width and depth adjustments.



## Birch plywood footrest

with control panel and QR code that refers to possible usable applications.

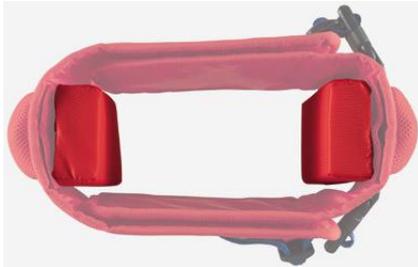


## Twin swivel wheels

75 mm diameter twin swivel wheels, with rear brakes. The wheels allow movement from one room to another, even during use.



# Components



**944 Circumference reducers**  
3 cm thick each. They can be inserted into supports for thinner users.



**865 Multiadjustable headrest**  
height, inclination and forward-backward adjustment with knobs.



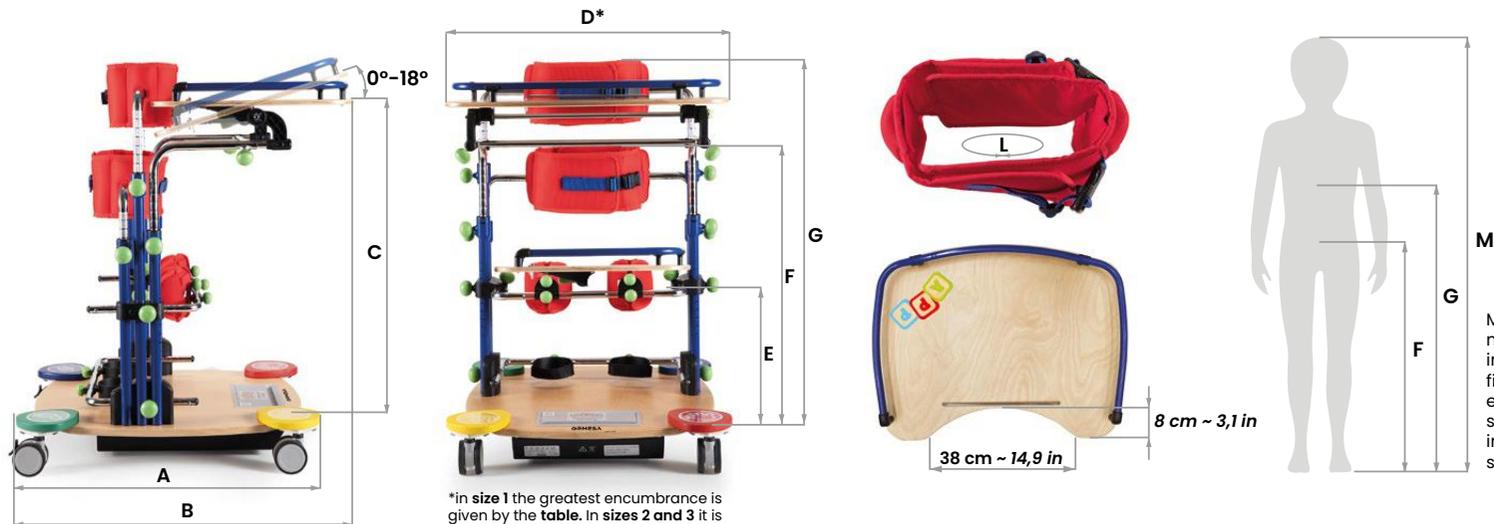
**859 Tablet holder**  
height, inclination and depth adjustment with knobs.





# App sizes and weight

|  | size 1                                    | size 2                                    | size 3                                    |
|--|---|---|---|
| A: base encumbrance                    | 66 cm ~ 25,9 in                           | 70 cm ~ 27,5 in                           | 73 cm ~ 28,7 in                           |
| B: length encumbrance                  | from 76 to 88 cm<br>from 29,9 to 34,6 in  | from 78 to 90 cm<br>from 30,7 to 35,4 in  | from 80 to 92 cm<br>from 31,4 to 36,2 in  |
| C: footrest to table height            | from 49 to 77 cm<br>from 19,2 to 30,3 in  | from 59 to 87 cm<br>from 23,2 to 34,2 in  | from 69 to 100 cm<br>from 27,1 to 39,3 in |
| D*: width encumbrance                  | 64 cm ~ 25,1 in                           | 65 cm ~ 25,5 in                           | 70 cm ~ 27,5 in                           |
| E: footrest to knee pads height        | from 14 to 24 cm<br>from 5,5 to 9,4 in    | from 14 to 36 cm<br>from 5,5 to 14,1 in   | from 14 to 42 cm<br>from 5,5 to 16,5 in   |
| F: footrest to pelvic support height   | from 41 to 55 cm<br>from 16,1 to 21,6 in  | from 52 to 68 cm<br>from 20,4 to 26,7 in  | from 62 to 86 cm<br>from 24,4 to 33,8 in  |
| G: footrest to thoracic support height | from 53 to 72 cm<br>from 20,8 to 28,3 in  | from 67 to 94 cm<br>from 26,3 to 37 in    | from 82 to 110 cm<br>from 32,2 to 43,3 in |
| L: minimum circumference of supports   | 60 cm ~ 23,6 in                           | 65 cm ~ 25,5 in                           | 70 cm ~ 27,5 in                           |
| M: user height                         | from 75 to 100 cm<br>from 29,5 to 39,3 in | from 90 to 125 cm<br>from 35,4 to 49,2 in | from 120 to 150 cm<br>from 47,2 to 59 in  |
| Total weight                           | 24,6 kg ~ 54,2 lb                         | 26 kg ~ 57,3 lb                           | 28,5 kg ~ 62,8 lb                         |
| Maximum load                           | 35 kg ~ 77,1 lb                           | 45 kg ~ 99,2 lb                           | 55 kg ~ 121 lb                            |



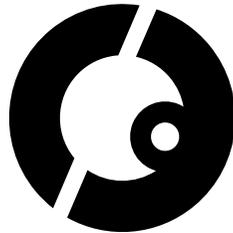
\*in size 1 the greatest encumbrance is given by the table. in sizes 2 and 3 it is given by the knobs.







Simone and his story await you  
in the Ormesa official website,  
together with other protagonists of  
our fantastic global community.



**A special thanks to the families who participated with enthusiasm in our project. It is thanks to our customers and their stories that we find the energy and stimuli to evolve day by day.**

**CE** complies with MDR (EU) 2017/745

COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= **ISO 13485** =

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