Entrix NX *AirMattress*

pardo

Maximum patient weight

150kg
Entrix M / Entrix MR

180kg
Entrix Lux

Anti-Decubitus system

Anti-decubitus mattress designed to facilitate blood circulation and provide maximum redistribution and relief of tissue pressure to treat and prevent pressure ulcers.

It is designed for ulcers and shores prevention in medium risk patients (grade III) according to Norton scale and to mitigate pressure ulcers until grade III according to EPUAP.

Features

CELLS:

16 (Entrix M and MR) or 20 (Entrix Lux) independent and interchangeable air cells to fit any individual posture.

Air cells fully dynamic, completely sealed. Produced in PU and nylon, these air cells are independent and inter-comunicating.

Connectors with non-return valves for a complete unloading of each cell.

The 3 cells at the head are always excluded from the alternating functioned on static mode.

Manual CPR:

The CPR function is activated by a valve located on the right side of the mattress near the torso area.

The mattress deflates in the torso area, allowing the Cardiac Pulmonary Resuscitation procedure to be activated within 15 seconds.

COVER:

Completely removable with zipper. The zip is away from the edges of the mattress, to avoid injury to patients.

Bi-stretch coverlet in polyurethane and polyamide, with low resistance to friction and rubbing. It's extreme flexibility, it adjust perfectly to the patient's physique.

Waterproof, breathable and permeable to vapours, it is antibacterial, antimycotic and fireproof.

OTHER FEATURES:

All mattresses have 6 buckles to fasten the mattress to the bed frame. It also has "pockets" in which the power cord can safely be hidden.

The mattress can be wrapped up for transportation.

Entrix MR model has a protective foam layer (5 cm of height), which is placed on separated bottom base attached to the cells with a zip.

Technical features

Total length	200 cm.		Mattress weight	
Available widths	82 cm. or 90 cm.		▪ Entrix M / Entrix MR	4'1 Kg.
Total height			▪ Entrix Lux	4'3 Kg.
▪ Entrix M	13 cm.		Maximum patient weight	
▪ Entrix MR	18 cm. (13 + 5)		▪ Entrix 5 / Entrix MR	150 Kg.
▪ Entrix LUX	18 cm.		▪ Entrix Lux	180 Kg.

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Control unit

Control unit made of high quality ABS material.

A control panel with buttons and lights to adjust the air system, furthermore with optional locking functions to avoid unintentional modifications.

Automatical pressure redistribution by the sensors, which are connecting always with the mattress. This function ensures that the patient always receives the same level of comfort throughout his or her stay on the mattress.

The control unit includes 5 levels of mattress firmness adjustment according to the patient weight (From 30 kg to 150 kg or 180 kg if the mattress is the Entrix Lux Model) for improved user comfort.

Visual and acoustic low pressure and power failure alarms, with mute option.

Two adjustable hooks at the back of the unit control. The hooks are designed to fit with multiple footboard widths

Four rubber bearings at the rear of the unit control, which prevents vibrations.

Quick connect coupling with non-return valves to avoid the air leakage.

A receptacle for an air filter on the rear panel.

Therapies

The different therapies are the set of means provided by the anti-decubitus systems to prevent the development of pressure ulcers.

As well as allowing the necessary postural changes to be made, improving blood flow and reducing pathological coagulations.

Alternating therapy:

1-2 alternating system during cycle times: 10 minutes.

Static therapy:

Therapy based on continuous low pressure, which envelops and immerses the patient for optimal pressure management.

Terapia IPS:

IPS Tecnology (Intelligent Pressure Sensing). It ensures the automatic and constant control of bedsores in an interactive way, according to patient's different masses, morphologies and physiological movements.

Technical features

Total width	31'5 cm.	Control unit weight	2'5 Kg.
Total depth	12 cm.	Output air	20 litres/minute
Total height	22 cm.	Maximum level noise	28 dB

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Unit control start-up:

Main power switch of power unit is on the is located on the right side of the unit control, next to the plug.

The LED lights for mattress size selection will flash, the default size will be 5" (allows up to 150kg patient load).

Use the to select the proper mattress size. When the LEDs flash green lights (from 30-150kg) means Entrix M / Entrix MR is attached (Entrix M / Entrix MR has black straps on the mattress base.)
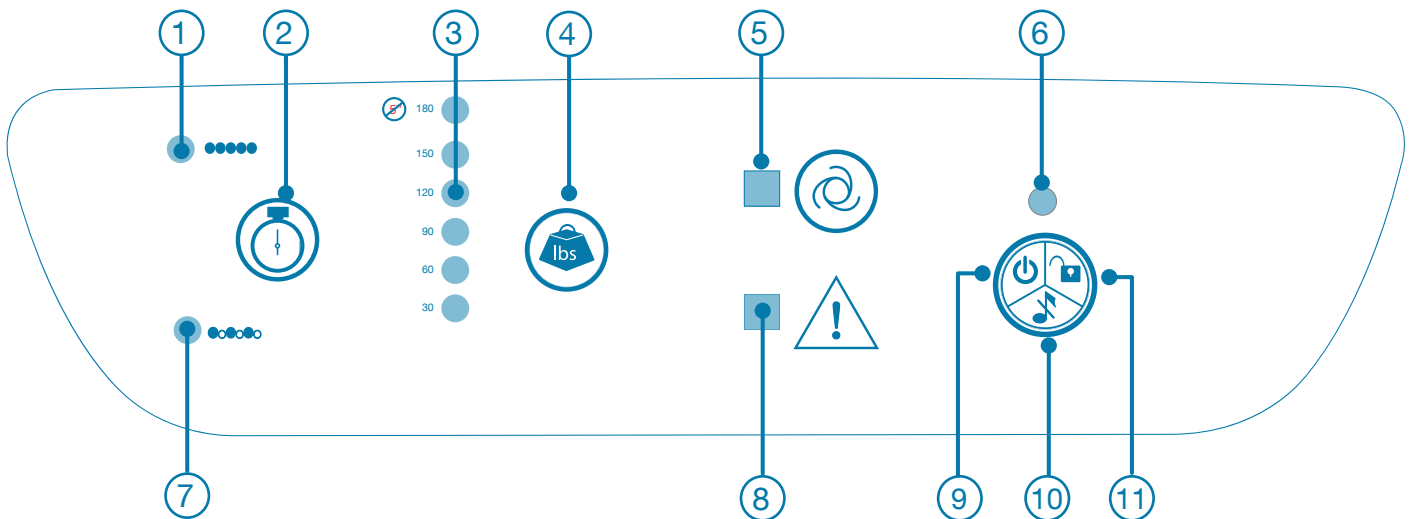
When the LEDs flash blue lights (180kg) means Entrix Lux is attached (Entrix Lux has brown straps on the mattress base)

Press the power button to confirm the setting selection. The power unit will start the initialization of the system.

The power unit will alarm if the selection is not made within 15 seconds.

Instructions of use:

Item	Description	Item	Description
1	Static mode Led	7	Dynamic mode Led
2	Therapy mode selector	8	Low Pressure Alert LED
3	Weight patient indicator led	9	On/ Off button
4	Weight patient selector	10	Mute alarm
5	Pressure Monitoring LED (IPS)	11	Unlocking functions
6	Power led		

Static mode Led (1): The LED indicates that the system is on Static mode.

Therapy mode selector(2): Press the button to change the therapy between Static mode and Dynamic Mode.

Weight patient Led (3): The LED indicates which patient weight is selected.

Weight patient selector (4): Press to adjust the weight of patient from 30kg to 150kg with Entrix M / Entrix MR mattress and from 30kg to 180kg with Entrix Lux mattress.

The weight scale is only indicative. If the mattress seems too soft or too rigid, please adjust the weight setting to conform to each patient's requirements.

Pressure Monitoring LED (IPS) (5): Two different colours LED indicate that the system is monitoring the internal pressure. Blue LED lights while the mattress is inflating. Green LED shows when the pressure is correct.

Dynamic mode Led (7): The LED indicate that the system is on Dynamic mode.

Alarm Led (8): This red LED is to indicate that the mattress has abnormal pressure including insufficient pressure and excessive pressure.

On/Off button (9): Press the button to switch on/off the control unit when the rocker switch has been switched on. When the power unit power on, the green LED (6) will light.

Mute alarm (10): For Mute function, user may press this button to turn off the audible alarm. After mute, the audible alarm will not re-start again. Only the LED will stay flashing to notify the caregivers until the problem is solved.

Unlocking functions (11): When there is no operation after 2 minutes, system will automatically lock the control panel. Simply press and hold this button for 3 seconds to release panel foil from locking.