



decu[®] neo

width 80/90 cm

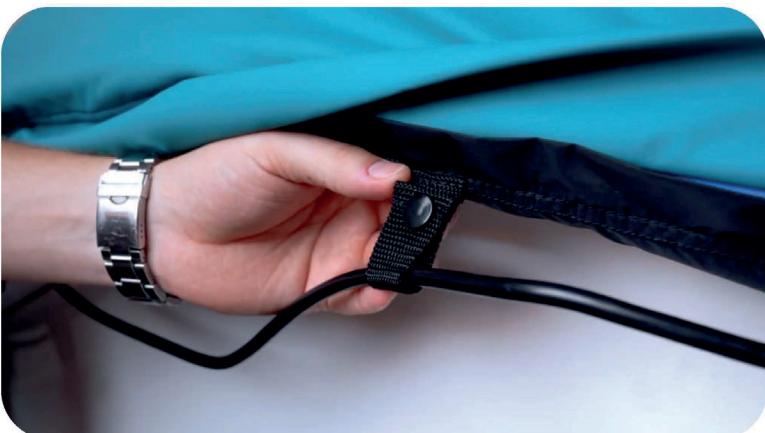
load capacity 250 kg



IV. deg. pressure ulcers

hybrid

Dynamic anti-decubitus hybrid mattress



The innovative hybrid air-foam system combines the advantages of a passive and active mattress in one unit (replacement mattress). The extremely low-pressure system ensures maximum prevention and support for the treatment of pressure ulcers up to grade IV (very high risk) and at the same time significantly extends the life of the compressor. The mattress consists of 10 flat air cells that evenly distribute the patient's weight (max. 250 kg) over a larger area, effectively reducing pressure on the skin. One cell under the head has a cushioning function and three cells in the torso area are equipped with a micro-ventilation system that reduces heat and humidity. Thanks to the total height of only 12 cm, the function of the bed sides is fully preserved, thus minimizing the risk of the patient falling. The integrated passive part of the mattress allows it to be used even without initial inflation, which simplifies the acute admission of the patient. Reinforced edges make it easier to get up and at the same time provide support for the nursing staff. The mattress is available in two widths – 80 cm or 90 cm – and is equipped with a semi-automatic compressor that automatically adjusts the pressure according to the patient's weight.

MATTRESS

- 3 cells in the torso area with micro-ventilation function to reduce heat and humidity
- Double-layer elastic cover - waterproof, breathable and flame retardant
- Easy maintenance - washable up to 95 °C
- Full-length zip (360 °) with protective flap against dirt and contamination
- Integrated power cord retention system
- 6 fastening straps for secure attachment of the mattress to the bed
- Quick-release CPR valve for acute resuscitation
- Reinforced edges for easier patient standing and safe support during care
- Optional: QR - Quick Release connectors for easy disconnection of cells and achieving zero pressure in risk areas
- Optional: increased base protection

TECHNICAL PARAMETERS

name	decu neo
type	hybrid mattress
stage of decubitus	II.- IV. (medium to very high)
generic group	dynamic anti-decubitus hybrid mattress
Basis UDI-DI	8594218992DAHMF3
REF / GTIN (90 cm)	2-519-01 / 08594218995194
REF / GTIN (80 cm)	2-518-01 / 08594218995187
package size	96 x 94 x 30 cm
package weight	18 kg
package includes	mattress with cover, compressor, user manual, transport bag
warranty	2 years

MATTRESS

type	replacement mattress
load capacity	250 kg
height	12 cm
dimension	80/90 x 200 cm
number of cells	10 pes - width 20 cm
pillow function	main chamber without the possibility of replacement
micro-ventilation	3 cells under hull
CPR valve	quick release - manual
next functions	integrated power cable fixation system 6 straps for easy fixation to the bed
material	polyurethane
cleaning	thermal disinfection
weight	12 kg
cover	PU, 2-way stretch, waterproof, breathable, fireretardant, 95°C washable, zipper 360°with flap

COMPRESSOR

- Automatic pressure adjustment according to the entered patient weight
- Alternating mode (APT) – alternating pressure therapy A-B-C (cycle 5/10/20 min)
- Static mode (CLP) – constant low pressure in all cells
- Lifted mode (LMP) – time-limited maximum pressure (30 min)
- Transport mode (TM) – memory function, easy disconnection and unlimited transport time
- Automatic key lock against unintentional setting changes
- Acoustic and visual alarm: low pressure, power failure, service notification
- AVS – Anti Vibration System for reduced vibrations and quiet operation (noise < 23.8 dB)
- START/STOP system for energy saving
- Memory function for storing set values
- Integrated compressor holder

COMPRESSOR

type	semi-automatic with LCD
modes	4 - alternate/static/ auto-firm/transport
alternate mode	3-chamber air exchange system A-B-C
time interval	5/10/20 minutes
alarm	acoustic and visual
alarm type	low pressure/power failure/service
key lock	automatic
next functions	memory, Start/Stop, AVS
noise	<23,8 dB
flow rate	8 LPM
oper. pressure	5-34 mmHg
material	ABS housing
IP	42
size	17 x 26 x 12,5 cm
weight	3,4 kg

