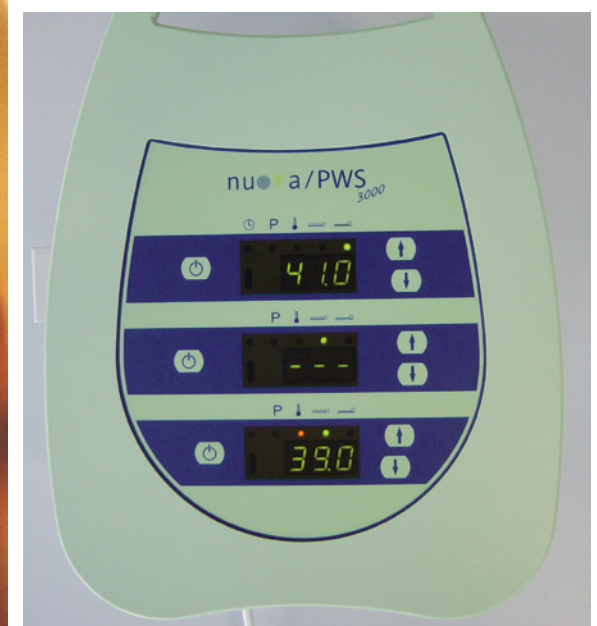


How to cope with Hypothermia

PWS3000

Reusable Patient Warming System



nuova

www.nuova.de

- ▶ Intended use for pre-operative, peri-operative and post-operative situations in Theatres, Recovery Rooms, ICUs, Wards
- ▶ **No** problematic carbon fibre heating elements being used
- ▶ Warming of 2 patients at the same time with one monitor
- ▶ Minimized power consumption 300 W only (only during warm-up)
- ▶ **No** noise, **no** warming of ambient environment
- ▶ Various blankets and mattresses for adult, pediatric and neonatal patients
- ▶ Sealed blankets/mattresses to avoid ingress of liquids
- ▶ Easy to clean, **no** additional disposables necessary
- ▶ Built in time counter (ideal for leasing)



Application

The PWS3000 reusable patient warming system is available in a variety of options (mattress/blanket) to cope with nearly all challenges of Hypothermia.

Nuova blankets are made of very soft, light-weight and flexible textiles to cover patient's body comfortably. The mattresses of Nuova consists of a foam core to relief pressure

in OTs:

Possible applications pediatric/adult:

1 mattress, 1 Arm-Shoulder blanket, 1 Abdomen-Leg blanket or 1 mattress only or 1 Arm-Shoulder blanket, 1 Abdomen-Leg blanket or 2 Abdomen-Leg blankets which can be placed flexibly on the patient at the same time

Possible applications neonatals:

1 mattress, no blankets available

in Recovery Rooms/ICUs and Wards:

Possible applications pediatric/adult:

1 full-body blanket up to 2 full body blankets for two patients can be connected to one monitor

Possible applications neonatals:

1 mattress for Incubators/Neonatal wards or 1 full body blanket up to three mattresses for three patients can be connected to one monitor

Safety

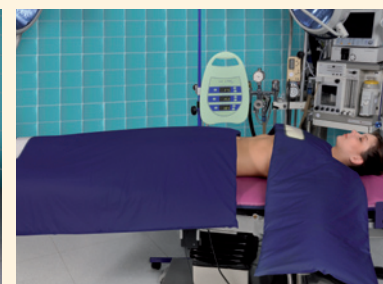
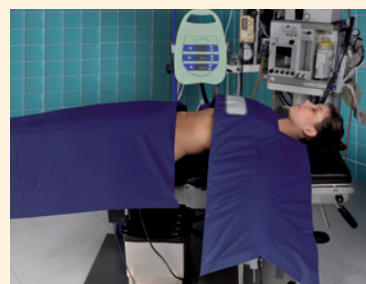
The PWS3000 system utilizes safety features to protect patient and device from malfunctioning such as:

- ▶ multiple, highly accurate independent working temperature sensors on all heating elements
- ▶ no carbon fibre wovens or threads which make temperature control difficult over the total heating area
- ▶ detection of electrical resistance, cable breaks, electrical contact area, etc.
- ▶ detection and display of errors and alarms when used not correctly or in case of a device based malfunction
- ▶ high temperature alarm with auto shut-off at 42°C
- ▶ PU coated and welded cover materials to protect ingress of liquids and body fluids acc. to IPX2
- ▶ All mattresses are equipped with pressure relief foam
- ▶ Pre-set temperature at 37°C for neonatals, 39°C for pediatrics which can be changed by individual commands only
- ▶ Cable connectors made of metal
- ▶ Fire retardant plastic housing
- ▶ Large temperature and alarm LEDs to view from distance

Usage and Cleaning

The PWS3000 system is a reusable, flexible and multifunctional warming device which helps to minimize operating costs and waste disposal:

- ▶ Up to three heating elements can be connected to one monitor at the same time
- ▶ 2 patients to be warmed at the same time (ICU, Recovery, Ward application) with one monitor
- ▶ Detection of wrong mattress or blanket connected automatically by the monitor
- ▶ Easy identification of warm/cold side of blanket/mattress by different coloring for each side
- ▶ Fast warm up
- ▶ Easy to clean blanket and mattress by wipe disinfection only
- ▶ Quick release of air by using patented breather technology



Product-List

- ▶ PWS3000 Monitor
- ▶ Extension Cable 2.4 m
- ▶ Adult-Mattress 190 cm x 58.5 cm
- ▶ Pediatric Mattress 107 cm x 58.5 cm
- ▶ Neonatal Mattress 56 cm x 50 cm
- ▶ Full Body Blanket Adult 185 cm x 110 cm
- ▶ Full Body Blanket Pediatric 120 cm x 100.5 cm
- ▶ Full Body Blanket Neonatal 50 cm x 45 cm
- ▶ Arm-Shoulder Blanket Adult 185 cm x 40 cm
- ▶ Arm-Shoulder Blanket Pediatric 140 cm x 35 cm
- ▶ Leg-Abdomen Blanket Adult 120 cm x 100.5 cm
- ▶ Leg-Abdomen Blanket Pediatric 100 cm x 80 cm



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