

Our product portfolio at a glance

ANTI-DECUBITUS SYSTEMS

A WIDE PRODUCT RANGE FOR PROPHYLAXIS AND THERAPY

HICO-DECUBIMAT 400

For prophylaxis and therapy of decubitus up to stage IV and pain relief; partially changing zero pressure and optimum support pressure relief for patients ranging from 80 - 350 kg; 3-chamber mattress including CPR-valve providing a quick deflation and a static head piece for beds with a width of up to 120 cm. Transportation mode and static soft lying, micro-processor controlled pressure control and error diagnosis.

HICO-DECUBIMAT 390

An efficient 3-chamber alternating pressure system with deep cell mattress with CPR-valve designed for high requirements in the prophylaxis and therapy of decubitus patients up to stage IV. It provides partially changing zero pressure and optimum support pressure relief for patients from 25 – 250 kg. Transportation mode and static soft lying, micro-processor controlled pressure control and error diagnosis are also included. Low noise level and with a minimum amount of vibration. The cycle of the alternating pressure can be varied between 6 and 30 minutes.

HICO-DECUBIMAT 380

A 3-chamber system with a big cell mattress - providing a high lying comfort – with CPR-valve is designed for the therapy up to stage III of patients weighing between 40 and 160 kg. Transportation mode and static soft lying, micro-processor controlled pressure control and error diagnosis are also included. Low noise level and with minimal vibration. The cycle of the alternating pressure can be varied between 6 and 21 minutes.

HICO-DECUBIMAT 375

A 2-chamber big cell mattress with CPR-valve and static head cells providing a high lying comfort with CPR-valve for the therapy up to stage II. Suitable for patients of 40 – 160 kg. Transportation mode and static soft lying, micro-processor controlled pressure control and error diagnosis are also included. Low noise level and with a minimum amount of vibration. The cycle of the alternating pressure is 10 minutes.

HICO-DECUBIMAT 370

Combines a 2-chamber big cell mattress with CPR-valve and a static head piece for the prophylaxis and therapy up to stage II. Suitable for patients weighing 40 – 160 kg. It is equipped with an automatic pressure control by means of sensor technology and a control lamp for monitoring.

HICO-DECUBIMAT 365

The standard device for prophylaxis and therapy of minor cases of decubitus up to stage II. Automatic pressure control by means of sensor technology; the smallest possible air chambers allow an optimum pressure control; easy to handle; ventilation for the patient is made possible by laser perforation in the mattress.

HICO-LATERAMAT 450 – A SYSTEM FOR LATERAL POSITIONING

This device offers 3 functions in one – the perfect solution for positioning of patients in intensive care units; a combination of lateral positioning of patients of 30° and 40°, an alternating pressure function and static soft lying. This versatile device is quiet and has got only a minimum amount of vibration, allows a comprehensive therapy of patients weighing from 40 – 140 kg and is a relief for the nursing staff.



Technical Spec.

HICO - Decubimat	365	370	375	380	390	400	Latermat 450
REF - No.	310003	320001	350001	330001	340001	300001	360001
Voltage:	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Dimensions in cm:	16x30x12	16x30x12	40x35x15	40x35x15	40x35x15	40x35x15	40x35x15
Weight in kg:	2,6	2,6	6	6	6	6	6
Mattress Size in cm:	200x90x4	200x90x13	200x90x13	200x90x13	200x90x21	200x118x21	200x82x21
Patient weight:	40-120 kg	40-160 kg	40-160 kg	40-160 kg	25-250 kg	80-350 kg	140 kg
Therapy up to stage:	II	II	II	III	IV	IV	II
Cycle time:	10 min.	10 min.	10 min.	6-21 min.	6-30 min.	6-30 min.	6
Sound level (approx.):	23 dBA	23 dBA	30dBA	30dBA	30dBA	35 dBA	38dBA
Positioning angle:	/	/	/	/	/	/	30° / 40°

HICO HYPO-/HYPERTHERMIA-SYSTEMS FOR MEDICAL TREATMENT WITH TEMPERATURE

HICO-VARIOTHERM 555

The operation of the HICO-Variotherm 555 is easy and safe. It is possible to adjust a temperature range of 5 – 41°C and to connect two patient mats of different sizes the same time. The automatic function test and the well readable display give adequate information to the user about the correct operation at any time. The device consists of an innovative safety concept and a small and robust design. HICO-Variotherm can also be used also after a performed CPR.



HICO-VARIOTHERM 550

A hypo-/hyperthermia device for the cooling and heating of patients in a temperature range of 15 – 39 °C; optimum heat transfer resp. heat abstraction by means of water; compact construction, easy handling, low noise level.



HICO-AQUATHERM 660

A hyperthermia device, temperature range: 35-39°C; important part of a modern operating theatre; innovative safety system; precise temperature control; compact and robust construction, possibility of connecting two mats the same time; low noise level.



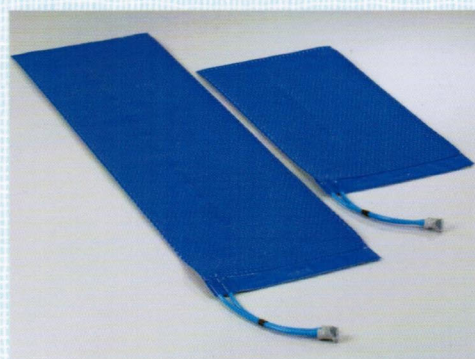
HICO-HYPOTHERM 680

For the exact cooling of patients; temperature range: 15-35°C, precise temperature control; innovative safety system; compact and robust construction; low noise level.



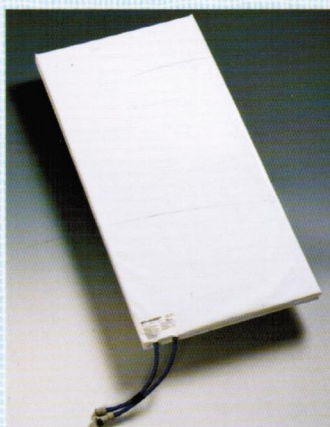
FIELDS OF APPLICATION:

Anaesthesia/surgery, ICU, cardiac surgery and surgery of the chest, paediatric ICU, neurosurgery, neurology, emergency medical care, oncology, rheumatology, stroke units, toxicology, veterinary medicine, traumatology



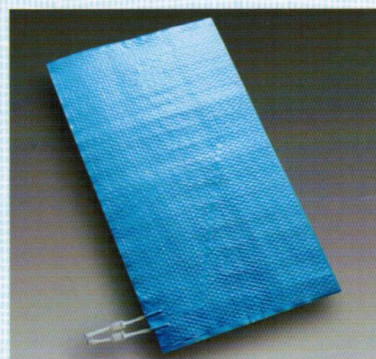
HICO-Polyurethane Water Mats

- Light, robust, flexible and radiolucent
- 50 x 30 cm REF 550044
- 92 x 35 cm REF 550049
- 92 x 50 cm REF 550047
- 170 x 35 cm REF 550048
- 170 x 50 cm REF 550046



HICO-AQUASOFT with decubitus prevention

- pressure relief up to 52%, soft, flexible, light
- 100 x 50 cm REF 550070
- 150 x 50 cm REF 550071
- 185 x 85 cm REF 550072



HICO-SOFT-TEMP

Disposable mat/cover for single use, kind to skin

- Set 5 x mat/cover 81 x 49 cm & 1 x hose extension REF 550066
- Set 5 x mat/cover 160 x 49 cm & 1 x hose extension REF 550065

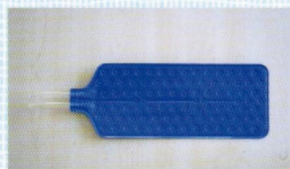
HICO POLYURETHANE-CUFFS FOR HYPO-/HYPERThERMIA THERAPY



38 x 26 cm
REF 550081



21 x 25 cm
REF 550082



27 x 11 cm
REF 550084



32,5 x 23 cm
REF 550086

Technical specifications	Hico Aquatherm 660	Hico Hypotherm 680	Hico Variotherm 550	Hico Variotherm 555
Ref - No.:	590001	530001	540001	600001
Temperature range:	35° - 39°C	15° - 35°C	15° - 39°C	5 - 41°C
Voltage:	115/230 V; 50 Hz	220-240 V; 50 Hz	115/230 V; 50 Hz	230V; 50/60 Hz
Max. pumping level:	19l/min	11l/min	11l/min	7 l/min
Heating power:	500 W	/	750 W	
Cooling power:	/	500 W	500 W	
Air pressure:	1013 hPa	1013 hPa	1013 hPa	1013 hPa
Water content:	mín. 0,7 l / máx. 1,4 l	mín. 0,5 l / máx. 1,0 l	mín. 0,5 l / máx. 1,0 l	mín. 1 l / máx. 2 l
Class of risk:	II b	II a	II b	II b
Weight:	9 kg	17 kg	17 kg	25 kg
Warming-up time:	5-10 minutes	/	5-10 minutes	5-15 minutes
Cooling time:	/	5-10 minutes	5-10 minutes	15-30 minutes
Noise rate (approx.):	< 35dBA	< 50dBA	< 50dBA	<65dBA

HICO-INHALATION SYSTEMS

EASY HANDLING, COST-EFFECTIVE & HIGH EFFICIENCY

HICO-ULTRASONAT 810

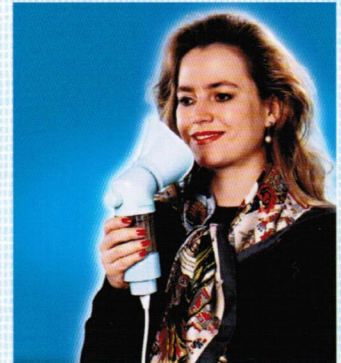
- unbreakable nebulizing chamber, suitable for all standard water systems
- long-term nebulization for up to 8 hours by means of a large-volume nebulizing chamber of 500 ml
- particle size ranges from 0,5 μm to 6 μm
- intensity and time can be preset between 0 – 99 minutes
- the transducer can be changed easily
- available as tabletop, floor- and wall-mounted device
- connexion of a heated aerosol hose possible

Technical Specifications

Ref - No.	HICO-Ultrasonat 810 390001
Voltage	220-240V 50/60 Hz 110-120V 50/60 Hz
Dimensions	30 x 25 x 30 cm
Weight	4,5 kg
Nebulizing capacity	Up to 4,5 ml/minute
Particle size	0,5 - 6,0 μm
Transducer frequency	Up to 1,7 MHz
Mist temperature	43° C
Max. chamber volume	625 ml
Timer	0 - 99 minutes

HICO-CLIMAMASKE

The best-selling reliable inhalator for home-use. The natural therapy of coughs and sneezes, bronchitis and their sequelae by means of constant healing warmth.



HICO-SUCTION SYSTEMS

HICOVAC 700 CH.

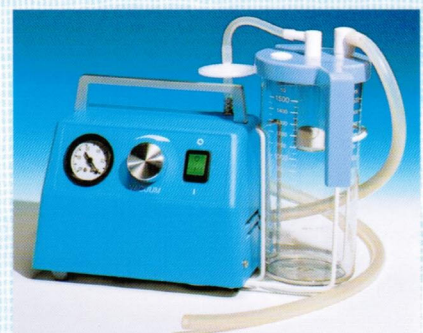
- 3 different models which different performances available: 36 l/min., 46 l/min. & 65 l/min.
- High suction capacity – up to 65 l/min.
- Suitable for liposuction
- High vacuum – approx. 0 – 920 mbar (depending on model)
- High suction volume: 8 litres without having to change the bottle
- Quick couplings to vacuum
- Available with re-usable bottles and disposable bags
- Large variety of accessories

HICO-RAPIDOVAC 791-16

Portable suction unit

This device combines low-weight with high capacity, as well as easy handling. Suitable for use in hospitals, doctor's practices, nursing homes and home care.

- unproblematic cleaning (secretion cylinders and accessories are autoclavable up to 134°C)
- maintenance-free diaphragm pump
- overflow safety valve
- identification of even the smallest liquid quantities thanks to the open cylinder mounting
- possibility of attaching two secretion cylinders



HICO-PERMAVAC 785

For mild continuous drainage

This device combines low-weight with high capacity, as well as easy handling. Suitable for use in hospitals, doctor's practices, nursing homes and home care.

- unproblematic cleaning (secretion cylinders and accessories are autoclavable up to 134°C)
- maintenance-free diaphragm pump
- overflow safety valve
- identification of even the smallest liquid quantities thanks to the open cylinder mounting
- possibility of attaching two secretion cylinders
- infinitely variable vacuum
- built-in pressure monitor



Technical specifications	HICOVAC 700 CH A46	HICOVAC 700 CH B36	HICOVAC 700 CH C65	HICO Rapidovac 791-16	HICO Permavac 785
Ref.-No.	500003	500004	500040	490060	440001
Voltage	230V/ 50Hz	230V/ 50 Hz	230V/ 50Hz	230V/ 50Hz	230V/ 50Hz
Maximum vacuum	860	800	920	850	150
Suction capacity	46 l/min	36 l/min	65 l/min	16 l/min	4 l/min
Dimension in cm	48 x 90 x 48	48 x 90 x 48	48 x 90 x 48	34 x 27 x 16	34 x 27 x 16
Weight	26	23	25	4,5	4
Noise rate	< 45 dBA	< 45 dBA	< 45 dBA	< 45 dBA	< 52 dBA
Number of bottles	2	2	2	1/2	1/2