

# HUR SmartTouch

Compatible Cardio Equipment



## HUR motion 600 Med




Complete your **HUR SmartTouch** setup with cardio equipment Medical Device certified for active aging, rehabilitation and inclusive wellness, with coded Polar® Pulse receiver.

## HUR motion **cycle** 600 Med

The HUR motion cycle 600 Med is the classic machine of cardio training and the ideal test and training ergometer for the professional user. The grid independence of the unit can be assured even with most of the various options, which guarantees flexibility. The optional length adjustable crank arm is an important feature for all users with limitations in the range of motion.

### Functions

- Easy to use display with multicolour backlight for biofeedback
- Easy step through
- Horizontally and vertically adjustable saddle
- Coded Polar® pulse receiver
- Training control via RFID-System  with Wireless network

### Options

- Therapy program package
- Test program package
- Length adjustable crank arms
- Wired network for training control via RFID System
- Ear pulse measurement
- Increase of max user weight to 200kg

### Specifications


- Grid independent
- Calibrated drive unit
- Hybrid brake system (HBS)
- Mono belt drive, self-adjusting and silent
- Power range: 15-500 watts rpm independent, 15 - 1000 watts rpm dependent
- Workload steps: 5 watts
- Speed range: 20 - 120 rpm/min
- Medical Devices according to directive 93/42 EEC, class IIa
- Max user weight: 150 kg
- Size (L x W x H): 120 x 65 x 155 cm
- Weight: 63 kg



# HUR motion relax 600 Med

The recumbent ergometer HUR motion relax 600 Med enable workouts in a very comfortable position and are therefore extremely well suited for long training sessions and heavy users. For some applications such as long training sessions or obese users it is the first choice. **The HUR Motion Relax 600 MED has a comfortable seat with optional adjustable back rest, which enhances accessibility.**

## Functions

- Easy to use display with multicolour backlight for biofeedback
- Low step through
- Horizontal seat adjustment with minimal increments
- Self-powered device
- Coded Polar® pulse receiver
- Training control via RFID-System  with Wireless network

## Options

- Therapy program package
- Length adjustable crank arm
- Various interfaces - to be adapted to different systems
- Wired network for training control via RFID System
- Gas spring supported adjustment of back rest
- Ear pulse system
- Increase of max user weight to 250 kg (not compatible with adjustable back rest option)
- Adjustable back rest

## Specifications


- Grid independent
- Hybrid brake system (HBS)
- Mono belt drive, self-adjusting and silent
- Power range: 15-500 watts, rpm independent, 15 - 1000 watts rpm dependent
- Workload steps: 5 watts
- Speed range: 20 - 120 rpm/min
- Medical Devices according to directive 93/42 EEC, class IIa
- Maximum user weight: 150 kg
- Size (L x W x H): 152 x 67 x 132 cm
- Weight: 105 kg



## HUR motion **cross** 600 Med

The HUR motion cross 600 Med is made for a workout in an upright training position, where a large number of muscles are being used. The movement has been optimized to be smooth and ergonomic. As safety functions, the maximum RPM can be set at a secret menu and at the end of every workout a temporary maximum workload, will stop the movement completely prior to the regular cool down.

### Functions

- Easy to use display with multicolour backlight for biofeedback
- Coded Polar® pulse receiver
- Self-powered device
- Forward and backward movement possible
- Big, anti-slip footsteps
- Rpm limit for extra safety
- Training control via RFID-System  with Wireless network

### Options

- Therapy program package
- Wired network for training control via RFID-System
- Ear pulse system
- Increase of max user weight to 200kg

### Specifications


- Grid independent
- Hybrid brake system HBS
- Mono belt drive, self-adjusting and silent
- Power range: 100-500 watts, rpm independent, 100 - 1000 watts rpm dependent, initial work load at the cross 100 watts, work loaded steps: 5 watts
- Speed range: 20 - 80 rpm
- High quality slide and ball bearings for long product life
- Medical Devices according to directive 93/42 EEC, class IIa
- Max user weight: 150 kg
- Size (L x W x H): 204 x 65 x 165 cm
- Weight: 103 kg



# HUR motion **body** 600 Med

The upper body ergometer is an important part for cardio concept. **With this piece of equipment the upper body muscles are actively exercised whilst isolating the lower body, enabling people with limited functionality in their lower body and people in wheelchairs to train.** The amplitude of the arm movement can be varied by the adjustable crank arms (optional feature). One side of the crank can be rotated by 180° and thereby offers the possibility of synchronous (handibike) mode. The bidirectional use is a standard feature of our machines. The power unit can be easily adjusted in height and is assisted with a gas loaded piston action for safety and ease. The seat is adjustable for height and distance and may be removed completely to enable wheelchair access.

## Functions

- Easy to use display with multicolour backlight for biofeedback
- RS232 interface (not galvanically isolated)
- Forward and backward movements as standard feature (only basic program package available)
- Gas pressure supported height adjustment of the drive unit
- Self-powered device
- Horizontally adjustable seat
- Easy wheelchair access
- Rpm-dependent and independent mode
- Transport wheels
- Training control via RFID-System  with Wireless network

## Options

- Therapy prog. p. (power training not available)
- Seat with horizontal seat adjustment
- Length adjustable crank arms (with handibike mode also)
- Wheelchair ramp access for width 70-100 cm
- Leki - trigger glove/straps, for hand fixation at grip via glove/straps
- Wired network for training control via RFID-System
- Increase of max user weight to 200kg

## Specifications

- Hybrid Brake System HBS
- Power independent
- V-belt-drive-self adjusting and silent
- Easy to calibrate
- Single piece powder coated steel frame
- Power range: 15-500 watts in rpm independent mode (rpm dependent up to 1000 watts)
- Medical Devices according to directive 93/42 EEC, class IIa
- Size (L x W x H): 116 x 77 x 150 cm
- Weight: 108 kg




 \*In order to communicate with HUR SmartTouch software, 1 SmartTouch Emotion Wireless (or wired) Startup package is needed

## HUR motion **body** 600 WM Med

HUR motion body 600 WM MED is the Warm ergometer wall mounted, saving floor space. The drive units can be easily adjusted via a gas spring support. It can be adjusted for the seated or standing training. The optional length adjustable crank arms can be put into a synchronous mode in order to simulate a handibike use.

### Functions

- Easy to use display with multicolour backlight for biofeedback
- RS232 interface (not galvanic isolated)
- Forward and backward movements as standard feature (only basic program package available)
- Gas spring supported stepless height adjustment of the drive unit for ideal positioning
- Length adjustable crank arm
- Easy wheelchair access
- Trigger grip (by Leki®) for better grip
- Handibike mode
- Training control via RFID-System  with Wireless network

### Options

- Therapy program package
- Leki - trigger glove/straps, for hand fixation at grip via glove/straps
- Wired network for training control via RFID-System
- RS232 interface (galvanic isolated)

### Specifications


- Hybrid brake system HBS
- Grid independent
- Calibrated drive unit
- Two stage belt drive, self-adjusting and silent
- Power independent
- 15 -500 watts in rpm independent mode (rpm dependent up to 1000 watts) , work steps 5W calibrated drive unit
- 20 - 120 rpm/min speed range
- Medical Devices according to directive 93/42 EEC, class IIa
- Size (L x W x H): 122 x 80 x 174 cm
- Weight: 47 kg



# HUR motion stair 600 Med

The HUR motion stair 600 Med simulates the daily activity of “climbing stairs”. The intense and isolated workout concentrates mainly on the quadriceps and gluteus muscles and can be very effective. The motion stair 600 med has an independent step system and offers a handlebar design that allows free climbing as well as an arm supported workout. **The step height and speed can be varied by each individual.** The Auto-Weigh System measures the weight of the user to calculate wattage and calorie display more accurately. The large comfortable footplates, the flywheel and the V shape drive belt ensure a unique motion step and a very smooth workout.

## Functions

- Easy to use display with multicolour backlight for biofeedback
- Coded Polar® pulse receiver
- RS232 interface
- Pedal independent system
- Shock absorbing
- Isokinetic functioning for 4-27 m/min decline
- Automatic weight system for precise performance measurement
- Training control via RFID-System  with Wireless network

## Options

- Therapy program package (without isokinetic program)
- Ear pulse system

## Specifications

- Hybrid brake system HBS
- Power independent
- 4-27 m/min decent
- Easy to calibrate
- Single-piece powder coated steel frame
- Medical Devices according to directive 93/42 EEC, class IIa
- Size (L x W x H): 105 x 60 x 145 cm
- Weight: 65 kg




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## HUR motion **sprint** SL/SE 600 Med

With the HUR motion **sprint** SL/SE 600 Med, we trust in the well known and proven lamella technology, which ensures supreme cushioning, smooth synchronization and a **very low power consumption**. On the versions with inclination, the pulse controlled programs can be adjusted either via the variation of speed or inclination.

### Functions

- Easy to use display with multicolour backlight for biofeedback
- Very comfortable running feeling and optimal cushioning
- Coded Polar® pulse receiver
- Speed: 0-17 km in 0.1 km/h steps
- SL version: 0 to +15% incline (0-20% optional)
- SE version: -3 to +12% incline and pulse controlled programs either incline or pulse controlled
- Up to 1km: 1m precise odometer, then 10 meter precise
- Training control via RFID-System  with Wireless network

### Options

- Wired network for training control via RFID System
- Ear pulse system
- Running surface with 60 cm width
- Increase of max user weight to 250 kg of the version SE
- Underarm rest
- Step-on support
- Reverse direction of movement
- Increase of max speed to 22km/h
- More options on requests

### Specifications


- Running surface: 1,55 m x 0,50 m (optionally: 1,55 m x 0,60 m)
- Energy saving, brushless, 1100 W DC Motor, toothed belt lamella system
- Integrated Emergency-Stop-System
- Manufactured according to: DIN EN ISO 20957-1 SA, DIN EN ISO 20957-6 SA, DIN EN 60601-1, DIN EN 60601-1-2 /230V/50-60Hz/EWG, separate fuse protection required
- Medical Devices according to directive 93/42 EEC, class IIa
- Max user weight 150kg
- Size (L x W x H): 198 x 79 x 145 cm
- Weight 195 kg



# HUR motion **sprint** PL Med

As an alternative to the lamella construction, **we also offer the HUR motion sprint PL Med with its sliding plate technology.** The robust and precisely build treadmill with its 3hp AC motor is perfectly suited for professional use. The treadmill is being manufactured on customer order and can therefore be equipped with the right optional features for its specific future use.

## Functions

- Easy to use display with multicolour backlight for biofeedback
- Low step height due to sliding plate technology
- Coded Polar® pulse receiver
- Speed: 0-18 km in 0.1 km/h steps
- 0 to +20% incline
- Pulse controlled programs to be adjusted via speed or inclination
- Up to 1km: 1m precise odometer, then 10 meter precise
- Training control via RFID-System  with Wireless network

## Options

- Wired network for training control via RFID System
- Galvanically isolated interface
- Ear pulse system
- Increase of max user weight to 250 kg
- Underarm rest
- Reverse mode
- Increased max speed up to 22 km/h
- Safety Arch
- Hand rail variations
- Therapy program package
- More option on request

## Specifications

- Slide plate technology
- Integrated Safety Stop System
- Medical Device equipment according to: ISO 20957-1; EN 957-6; EN 14971; EN ISO13485; IEC60601-1; EN 60601-1-2;
- IEC 62304CE based on Medical Device guideline 93/42EEC class IIb(i)
- Max user weight: 150 kg
- Size (L x W x H): 209 x 86 x 131 cm
- Weight: 230 kg



 \*In order to communicate with HUR SmartTouch software, 1 SmartTouch Emotion Wireless (or wired) Startup package is needed


# PICK YOUR HUR motion Med CARDIO MACHINE

HUR motion 600 Med cardio equipment is a Medical Certified cardio solution with HUR SmartTouch software

This line consists of 6 different unit types manufactured based on orders. Our cardio machines are Medical Device certified and beside the treadmills, they are equipped with a hybrid brake system, that are self powered for your max flexibility and cost optimization. This new brake system offers a precise resistance output at low noise. In addition, its high power output offers grid independency for all the machines except for the treadmill.

## GENERAL STANDARD AND OPTIONAL FEATURES

### Standard features

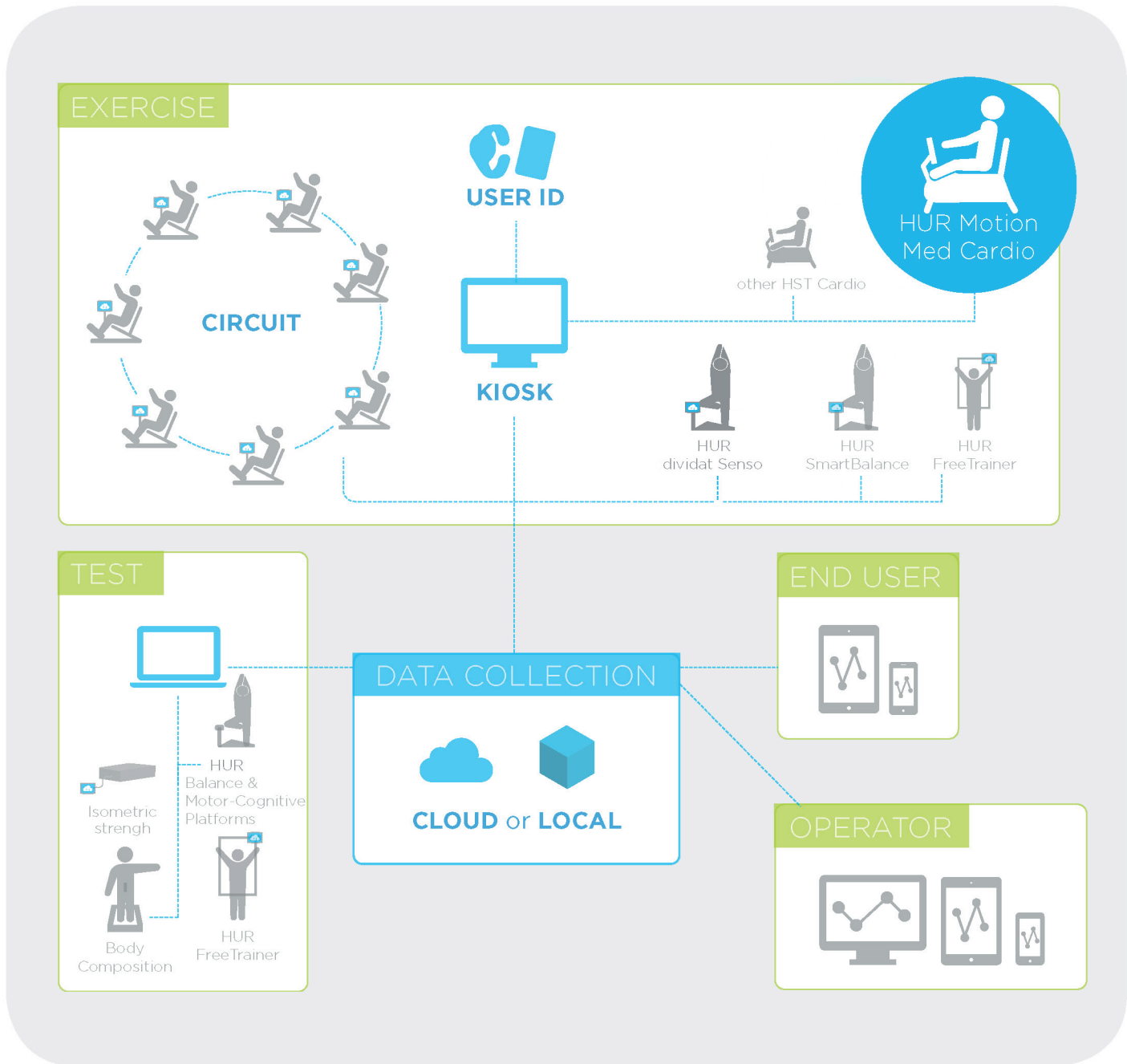
- Multicolour backlight with biofeedback
- RS232-interface (not galvanically isolated)
- 3 training programs
- Coded pulse receiver
- Cycle, Relax, Body, Cross, Sprint PL are manufactured according to: DIN EN ISO 20957-1 SA, DIN EN ISO 20957-5 SA, DIN EN 60601-1, DIN EN 60601-1-2  
Medically certified according to 93/42 EEC class IIa (Except for Sprint PL: Class IIb)
- Power range:  
**cycle/relax:** 15 - 500 watts  
**body:** 15 - 500 watts  
**cross:** 100 - 500 watts  
**sprint:** 0,1 - 17, 0 km/h (18,0km/h for th PL version) in 0,1 km/h steps
- Grid independent (except for HUR motion sprint)
- Self-powered device (except for Sprint
- Training control via RFID-System  with Wireless network

### Optional features

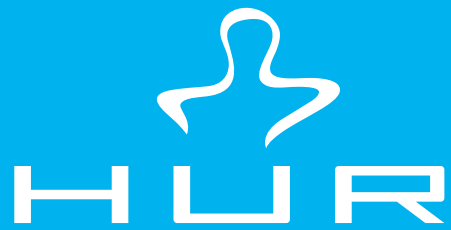
- Therapy program package incl. 11 programs
- Ear pulse measurement
- External power supply for continuous operation (standard for Sprint)
- Galvanically isolated RS232 interface
- Wired network for training control via RFID System
- Increased max user weight
- More options might be possible on requests

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# HUR SmartTouch Ecosystem



**Emotion HUR edition** is a part of the HUR SmartTouch Ecosystem. By adding cardio equipment to your HUR SmartTouch setup you are taking the training experience to the next level, in the spirit of the continuing mission *For Lifelong Strength*.

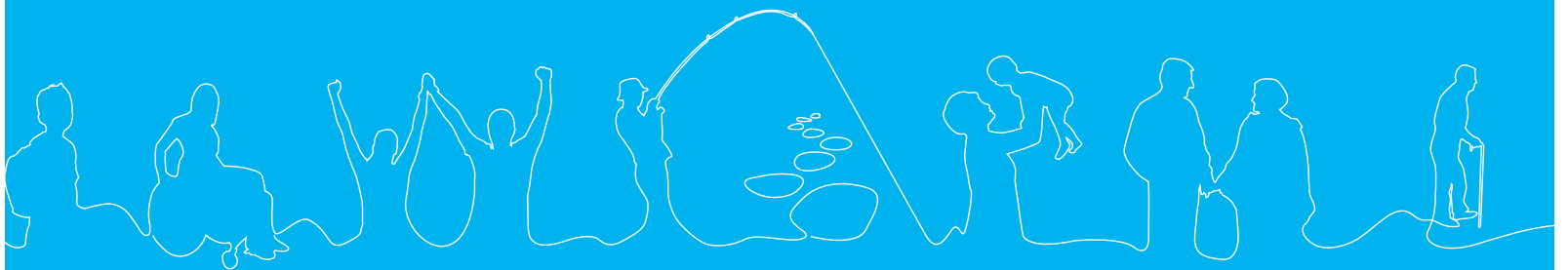


# YOUR PARTNER FOR LIFELONG STRENGTH

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Strength and balance are key factors for a long, happy and independent life.

The world-leading HUR scientific solutions consisting of intelligent equipment offer a smart and enjoyable training and rehabilitation experience that provide results. The effect is evident in the wellbeing of the user, the easy and motivating work processes for the instructor, and in the efficiency and profitability for the facility owner.



Ab HUR Oy Patamäentie 4, 67100 Kokkola, Finland / Tel. +358 6 832 5500 / sales@hur.fi

[www.hur.fi](http://www.hur.fi)