

HUR SmartTouch

Compatible Cardio Equipment



HUR motion
900 med




Complete your [HUR SmartTouch](#) setup with cardio equipment Medical Device certified for active ageing, rehabilitation and inclusive wellness.

HUR motion **cycle** 900 med

HUR motion cycle 900 is designed to meet all the requirements for an optimal, individualized training position. Its seat post offers an exceptionally wide adjustment range, accommodating users up to 205 cm (80") in height. This makes it suitable for a diverse user group, from tall athletes to shorter patients. The bike features a Q-factor of just 18 cm (7") and a horizontally adjustable saddle, ensuring a comfortable fit for everyone. For those looking to further fine-tune their training position, optional handlebar adjustment is also available.

Functions

- Attractive, full-colour display
- Durable, clean touch display
- Quick start, watt training, pulse training
- Interference-free Polar® heart rate indication with automatic device connection
- Deep, wide step-through
- Vertically and horizontally adjustable saddle
- Training control via RFID-System  with Wireless network
- Performance package (Qi charging, max. 950 watts, with power supply min. 7 watts), ANT+ for Garmin® belts, Smart Watches and Polar® Verity Sense)
- Connect package for system integration (RFID, Bluetooth® Low Energy)
- Programme package (additional programmes, test profiles, serious games)

Options

- Boosted cycle - user weight increase to max. 200 kg/440 lbs
- Length-adjustable cranks, adjustable without tools
- Motion easy move roller lift system
- Adjustable handlebars
- Housing in anthracite colour

Specifications

- Grid independent
- 7-inch capacitive touch display
- Polar® auto connection (5kHz & Bluetooth®), downward compatible
- Mono-belt drive, self-adjusting
- Calibrated and re-calibratable, quiet HBS brake
- Side-dependent power display
- Mains-independent operation
- Manufactured according to DIN EN ISO 20957-1 S-A-I, DIN EN ISO 20957-5 S-A-I, DIN EN 60601-1-2
- Certified according to 2017/745, Art. 120, class IIa
- Medical power range: 15 - 500 watts-speed-independent
- Rpm range: 15 - 140 rpm
- Max. user weight: 150 kg/330 lbs
- Dimensions: approx. 119 x 65 x 145 cm/ 46.9 x 25.6 x 57.1", approx. 58 kg/128 lbs

HUR motion **cycle** 900 med The bike ergometer



Wide step-through



Adjustable
Handelbars



HUR motion relax 900 med

HUR motion relax 900 is a comfortable training device designed for long sessions, catering to patients with neurological or orthopedic restrictions as well as very heavy users. The latest development of this device includes an extended step-through and an optimal Q-factor for improved accessibility. Additionally, it features handles for safe mounting and dismounting, along with a standard backrest adjustment for enhanced comfort. In its special "boosted 250" version, this unit offers a wider swivel seat, high armrests for easier access, and supports a maximum user weight of 250 kg (551 lbs).

Functions

- Attractive, full-colour display
- Durable, clean touch display
- Quick start, watt training, pulse training
- Interference-free Polar® heart rate indication with automatic device connection
- Deep, wide step-through
- Horizontally adjustable seat
- Back rest adjustment
- Training control via RFID-System  with Wireless network
- Performance package (Qi charging, max. 950 watts, with power supply min. 7 watts), ANT+ for Garmin® belts, Smart Watches and Polar® Verity Sense)
- Connect package for system integration (RFID, Bluetooth® Low Energy)
- Programme package (additional programmes, test profiles, serious games)

Options

- Boosted relax 200 - user weight up to 200 kg/440 lbs
- Boosted relax 250 - user weight increase up to 250 kg/551 lbs, with swivel seat
- Length-adjustable cranks, adjustable without tools
- Pedal shoes
- Casing in anthracite colour

Specifications

- 7-inch capacitive touch display
- Polar® auto connection (5kHz & Bluetooth®) downward compatible
- Mono-belt drive, self-adjusting
- Calibrated and re-calibratable, quiet HBS brake
- Side-dependent power display
- Manufactured according to DIN EN ISO 20957-1 S-A-I, DIN EN ISO 20957-5 S-A-I, DIN EN 60601-1-2
- Certified according to EU 2017/745, Art. 120, class IIa
- Medical power range: 15 - 500 watts, rpm-independent
- Rpm range: 15 - 140 rpm
- Max. user weight: 150 kg/330 lbs
- Dimensions: approx. 173 x 65 x 133 cm/ 68.2 x 25.6 x 52.4" (L x W x H), approx. 80kg / 176.4 lbs
- with option boosted dimensions: approx. 173 x 78 x 133 cm/68.2 x 30.7 x 52.4", approx. 104 kg/230 lbs

HUR motion relax 900 med The recumbent ergometer



Backrest adjustment




Pedal shoes



HUR motion **cross** 900 med

HUR motion cross 900 is designed to encourage individuals with largely sedentary lifestyles to engage in full-body movement. Its guided motion enables users to begin training quickly and safely. The long cranks and ergonomic coordination of arm and leg movements provide a smooth, sweeping stride and a comfortable exercise experience. For added safety, the device features a selectable RPM limit and automatically reduces movement at the end of the workout.

Functions

- Attractive, full-colour display
- Durable, clean touch display
- Quick start, watt training, pulse training
- Interference-free Polar® heart rate indication with automatic device connection
- Low step height of approx. 17 cm/6.7"
- Forward and backward movement with a stride length of 43 cm/16.9"
- Large, anti-slip footpads
- Rpm limiter for more safety
- Training control via RFID-System  with Wireless network
- Performance package (Qi charging option, max. 950 watt), ANT+ for Garmin® belts, Smart Watches and Polar® Verity Sense
- Connect package for system integration (RFID, Bluetooth® Low Energy)
- Programme package (additional programmes, serious games)

Options

- Boosted cross - user weight increase up to 200 kg/440 lbs

Specifications

- 7-inch capacitive touch display
- Polar® auto connection (5kHz & Bluetooth®), downward compatible
- Mono-belt drive, self-adjusting
- Calibrated and re-calibratable, quiet HBS brake
- Side-dependent power display
- Mains-independent operation
- Manufactured according to DIN EN ISO 20957-1 S-A-I, DIN EN ISO 20957-9 S-A-I, DIN EN 60601-1-2
- Certified according to EU 2017/745, Art. 120, class IIa
- Medical power range: 100 - 500 watts user power, speed-independent or 15 - 500 watts brake power - alternatively configurable
- Rpm range: 15 - 140 rpm
- Max. user weight: 150 kg/330 lbs
- Dimensions: approx. 200 x 65 x 169 cm/ 78.8 x 25.6 x 66.6" (L x W x H), approx. 101 kg/223 lbs

HUR motion **cross** 900 med The crosstrainer



Large, anti-slip footpads




Smooth and safe moment



HUR motion **body** 900 med

HUR motion body 900 is an essential tool for holistic training and comprehensive exercise therapy, specifically designed for active upper extremity workouts. It is ideal for endurance training and post-injury mobilization of the arm and shoulder, the device features an adjustable drive unit for optimal axle height in both standing and seated exercises. A removable seat allows easy transitions, and the device supports variable forward and backward movement. The length-adjustable crank can switch to a synchronous “handibike” mode for different back muscle engagement with reduced rotation.

Functions

- Attractive, full-colour display
- Durable, clean touch display
- Quick start, watt training, pulse training
- Interference-free Polar® heart rate indication with automatic device connection
- Training possible in standing or seated position (wide adjustment range & removable seat)
- Bi-directional movement
- V-crank asynchronously or synchronously adjustable
- Ergonomic Leki® grips with preparation for clip attachment
- Training control via RFID-System  with Wireless network
- Performance package (Qi charging possibility, max. 550 watts, with power supply from 7 watts), ANT+ for Garmin® belts, Smart Watches and Polar® Verity Sense)
- Connect package for system integration (RFID, Bluetooth® Low Energy)
- Programme package (additional programmes)

Options

- boosted body - user weight increase up to 200 kg/440 lbs

Specifications

- 7-inch capacitive touch display
- Polar® auto connection (5kHz & Bluetooth®), downward compatible
- Mono-belt drive
- Calibrated and re-calibratable, quiet HBS brake
- Mains-independent operation
- Manufactured according to DIN EN ISO 20957-1 S-A-I, DIN EN ISO 20957-5 S-A-I, DIN EN 60601-1-2
- Certified according to EU 2017/745, Art. 120, class IIa
- Medical power range: 15 - 500 watts, rpm-independent
- Rpm range: 15 - 140 rpm
- Max. user weight: 150 kg/330 lbs
- Dimensions floor model: approx. 116 x 77 x 155 cm/45.7 x 30.3 x 61.1" (L x W x H), approx. 98 kg/216.1 lbs

HUR motion **body** 900 med The upper body ergometer



Backrest adjustment




V-cranks, synchronously and asynchronously adjustable



HUR motion **body** 900 WM med

HUR motion body 900 WM is the wall-mounted version of our motion body device, offering the same functionality with a significantly smaller footprint. It is designed for optimal wheelchair access and provides the flexibility of various training positions. All you need for installation is a solid wall.

Functions

- Attractive, full-colour display
- Durable, clean touch display
- Quick start, watt training, pulse training
- Interference-free Polar® heart rate indication with automatic device connection
- Training possible in standing or seated position (wide adjustment range & removable seat)
- Bi-directional movement
- V-crank asynchronously or synchronously adjustable
- Ergonomic Leki® grips with preparation for clip attachment
- No user weight limit
- Training control via RFID-System  with Wireless network
- Performance package (Qi charging possibility, max. 550 watts, with power supply from 7 watts), ANT+ for Garmin® belts, Smart Watches and Polar® Verity Sense)
- Connect package for system integration (RFID, Bluetooth® Low Energy)
- Programme package

Specifications

- 7-inch capacitive touch display
- Polar® auto connection (5kHz & Bluetooth®), downward compatible
- Mono belt drive
- Calibrated and re-calibratable, quiet HBS brake
- Mains-independent operation
- Manufactured according to DIN EN ISO 20957-1 S-A-I, DIN EN ISO 20957-5 S-A-I, DIN EN 60601-1-2
- Certified according to EU 2017/745, Art. 20, class IIa
- Medical power range: 15 - 500 watts, rpm-independent
- Rpm range: 15 - 140 rpm
- Dimensions wall model: approx. 63 x 56 x 155 cm/24.9 x 22.1 x 61.1" (L x H x W), approx. 48 kg/105.9 lbs

HUR motion **body** 900 WM The space-saving upper body ergometer



Training on the exercise ball




Training while standing



HUR motion **stair** 900 med

HUR motion stair 900 completes our line of equipment, offering comprehensive cardiovascular, muscular, and coordinative training. This device simulates everyday movements, specifically stair climbing. Its pedal-independent system allows for a variety of movement amplitudes and work tasks, effectively training coordination skills. The newly designed handrail enhances user safety and extends the range of application to those with weaker coordination. Additionally, accessing the device is both easier and safer, making it suitable for a wide range of users.

Functions

- Attractive, full-colour display
- Durable, clean touch display
- Quick start, watt training, pulse training
- Interference-free Polar® heart rate indication with automatic device connection
- Auto-weighting-system (determination of the user weight) for correct watt and calorie display
- Great variety of movements due to pedal-independent system
- Training control via RFID-System  with Wireless network
- Performance package (Qi charging option), ANT+*
- Connect package for system integration (RFID, Bluetooth® Low Energy)
- Programme package

Specifications

- 7-inch capacitive touch display
- Polar® auto connection (5kHz & Bluetooth®), downward compatible
- Pedal independent system with 32 cm max. step height
- Powerful, quiet HBS brake
- Mains-independent operation
- Manufactured according to DIN EN ISO 20957-1 S-A-I, DIN EN ISO 20957-8 S-A-I, DIN EN 60601-1-2
- Performance range: 4 - 27 m/min sinking rate
- Certified according to EU 2017/745, Art. 120, class IIa
- Max. user weight: 150 kg/330 lbs
- Dimensions: approx. 102 x 73 x 160 cm/ 40.2 x 28.8 x 63" (L x W x H), approx. 79 kg/175 lbs

HUR motion **stair** 900 med The stair climber



Variable step height



Stable and safe arm



HUR motion **sprint** SL /SE med

HUR motion sprint 900 SL/SE is professional-grade, highly durable treadmill featuring lamella technology. Its 60 slats are mounted laterally on ball bearings, allowing them to swing freely with each step. This design optimally protects the joints and ensures a consistent speed with minimal motor power, resulting in low power consumption. HUR motion sprint 900 SE model does not include adjustable incline, while HUR motion sprint 900 SL offers an incline adjustment range of 0-15% or -3 to 12%. With incline capability, pulse-controlled programs can be managed by either incline or speed, providing versatile training options.

Functions

- Attractive, full-colour display
- Durable, clean touch display
- Quickstart, time training, pulse training
- Interference-free Polar® heart rate display with automatic pairing
- Low-maintenance, energy-saving slat technology
- Running surface easy on the joints
- Speeds adjustable in 0.1 km/h steps
- 5 years or 160,000 km warranty on the slat belt
- Training control via RFID-System  with Wireless network
- Performance package (Qi charging option, max 22km/h), ANT+ for Garmin® belts, Smart Watches and Polar® Verity Sense)
- Connect package for system integration (RFID, Bluetooth® Low Energy)
- Program package (additional programs, program memory (from Q4/22))

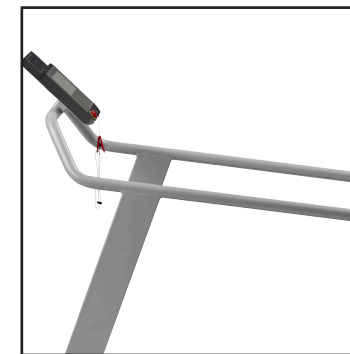
Options

- Boosted sprint SE - user weight increase to 250 kg
- Running direction reversal
- Bar railing
- Underarm supports for children or adults
- Holder for personal safety

Specifications

- 7-inch capacitive touch display
- Polar® auto connection (5kHz & Bluetooth®), downward compatible
- Belt-guided lamella system
- Energy-saving, brushless 1100 W DC motor
- Emergency stop system with magnetic cord
- Power supply: 30V/50- 60 Hz, EWG, separate fuse protection necessary
- Manufactured according to DIN EN ISO 20957-1 S-A-I, DIN 957-6 S-A-I, DIN EN 60601-1-2
- Medical devices certified according to EU 2017/745, Art. 120, class IIa, manufactured according to EN60601-1/protection class
- Power range: 0.1-17.0 km/h
- SL models: inclination angle 0-15%, on demand free of charge: -3 to 12%, optional: 0 to 20%
- Dimensions (SL): approx. 173 x 76 x 145 cm/69 x 30 x 58" (LxWxH), approx. 177 kg/391 lbs
- Dimensions (SE): approx. 173 x 76 x 145 cm/69 x 30 x 58" (LxWxH), approx. 149 kg/329 lbs

HUR motion **sprint** SL /SE med The lamella treadmill



Stable and safe handrail




Running surface easy on the joints



HUR motion **sprint** PL

HUR motion sprint 900 PL treadmill benefits from decades of development and collaboration with research institutions and competitive sports, ensuring it meets the high standards of professional users. The treadmill features a powerful motor for precise speed regulation and a cushioned running belt for joint protection. It offers customization options with accessories like handrails, fall protection brackets, and forearm supports, and includes interfaces for specialized applications, making it a versatile and advanced training tool.

Functions

- Attractive, full-colour display
- Durable, clean touch display
- Quickstart, time training, heart rate training (incline- or speed-controlled)
- Interference-free Polar® heart rate display with automatic pairing
- Low step height thanks to sliding plate technology
- Running surface easy on the joints
- Speed adjustable in 0.1 km/h increments
- Incline range 0-20 %
- Training control via RFID-System  with Wireless network
- Performance package (Qi charging option, 0-22 km/h, 0-25% incline; ANT+ for Garmin® belts, Smart Watches and Polar® Verity Sense)
- Connect package for system integration (RFID, Bluetooth® Low Energy)
- Program package (additional programs, program memory from (Q4/22))

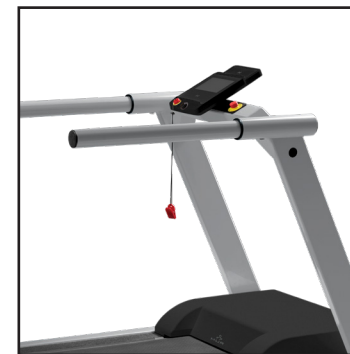
Options

- Tread marking
- Running direction reversal
- Bar railing
- Underarm supports for children or adults
- Holder for personal safety
- Certification according to EU 2017/745, class IIb

Specifications

- 7-inch capacitive touch display
- Polar® auto connection (5kHz & Bluetooth®), downward compatible
- Sliding plate technology
- Emergency stop push button with mushroom head (power units currentless); emergency stop with cord and clip
- 2.2 kW (3 hp) three-phase AC motor, brushless
- Power supply: 200...240V AC 1-/NPE/50-60Hz, 16A safety, own circuit, separate fuse protection required
- medical machine build according to : CE0123, medical device regulation (EU) 2017/745 machine directive (EU) 2023/1230; IEC 60601-1; EN 60601-1-2 (EMC tested); ISO 20957-1; ISO 20957-6; EN 14971; potential equalization bolt; grid potential isolation transformer
- Power range: 0.1-18.0 km/h
- Inclination angle 0-20%
- Running surface: 150 x 50 cm
- Step on height 23 cm
- Max. user weight: 250 kg
- Dimensions: approx. 210 x 86 x 126 cm, approx. 198 kg

HUR motion **sprint** PL The running belt treadmill



Stable and safe handrail



Wide inclination range



HUR motion cardio line

The capacitive 7" touch display convinces with a variety of views and enhanced visualizations of the training history. We have given great importance to the fact that the operation remains comprehensible. On the bike ergometer, recumbent bike and cross trainer, a display of the force distribution between the two sides of the body, our motion balance light system comes as a standard feature.

The programme package extends the 3 standard training programmes with various intelligent add ons such isokinetic training, intervals, tests on the cycle ergometer and serious games for certain products.

Less visible, but important in today's daily training routine, is the connectivity of the new control unit, which we put a lot of attention to during the development of the console.

Here, RFID and Bluetooth® Low Energy identification is possible. Data transmission to the training control systems can be done in a variety of ways, making it easy to implement the devices wirelessly.



Available optional colours



HUR motion cycle 900 med



HUR motion cross 900 med



HUR motion relax 900 med



HUR motion stair 900 med



HUR motion body 900 med



HUR motion body 900 VM



HUR motion sprint SL / SE 900



HUR motion sprint 900 PL

A comprehensive exercise system delivers a complete, motivating, and seamless training experience.

Individual training programme with automatically pre-set programme parameters

Versatile training programme available

Automated documentation and reporting

Online seamless operating for physiotherapist/trainers and operators

Convenient RFID personal user identification interface (no sign-ins needed)

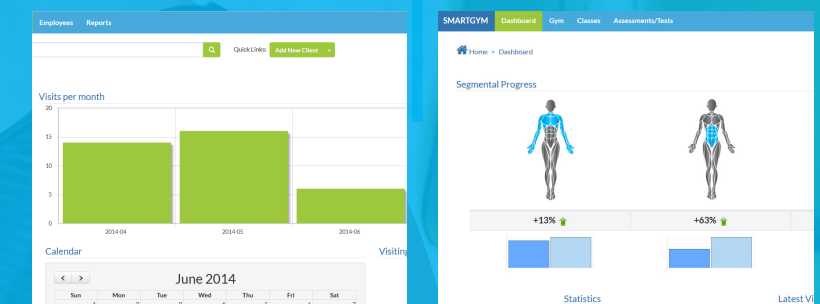
Testing possibilities and follow-up

HUR SmartTouch benefits

Evidence-based exercise programs with effective outcomes

BENEFITS OF HUR SMARTTOUCH:

- A comprehensive exercise system provides a **complete, motivating and smooth training experience**
- Evidence-based concepts with training programs **provide favorable outcomes**
- Automated activities speed up introduction of new customers, facilitate reporting and **reduce mundane tasks**
- The intelligent system stores training data and visualizes the progress.
- Automatic **detailed machine adjustments according to the personal training plan** makes the training safe and smooth
- Complete control with **local version or cloud version** allows also for managing multiple locations in one system



PICK YOUR HUR motion med CARDIO MACHINE

HUR motion 900 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 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.

WHY HUR MOTION MED?

OUR EQUIPMENT IS MEDICALLY CERTIFIED

Operators of medical machines must follow strict requirements for the products used. Most of our machines are medical products according to EU 2017/745, Art. 120, class IIa, which are tested by an external facility with respect to accuracy, safety, effectiveness and usability.

OUR DEVICES ARE GRID INDEPENDENT

Most of our cardio machines are grid-independent. This saves unsightly and annoying cables, but also electricity costs for continuous operation. You are completely free to choose where you want to place the equipment and you can also change this decision again.

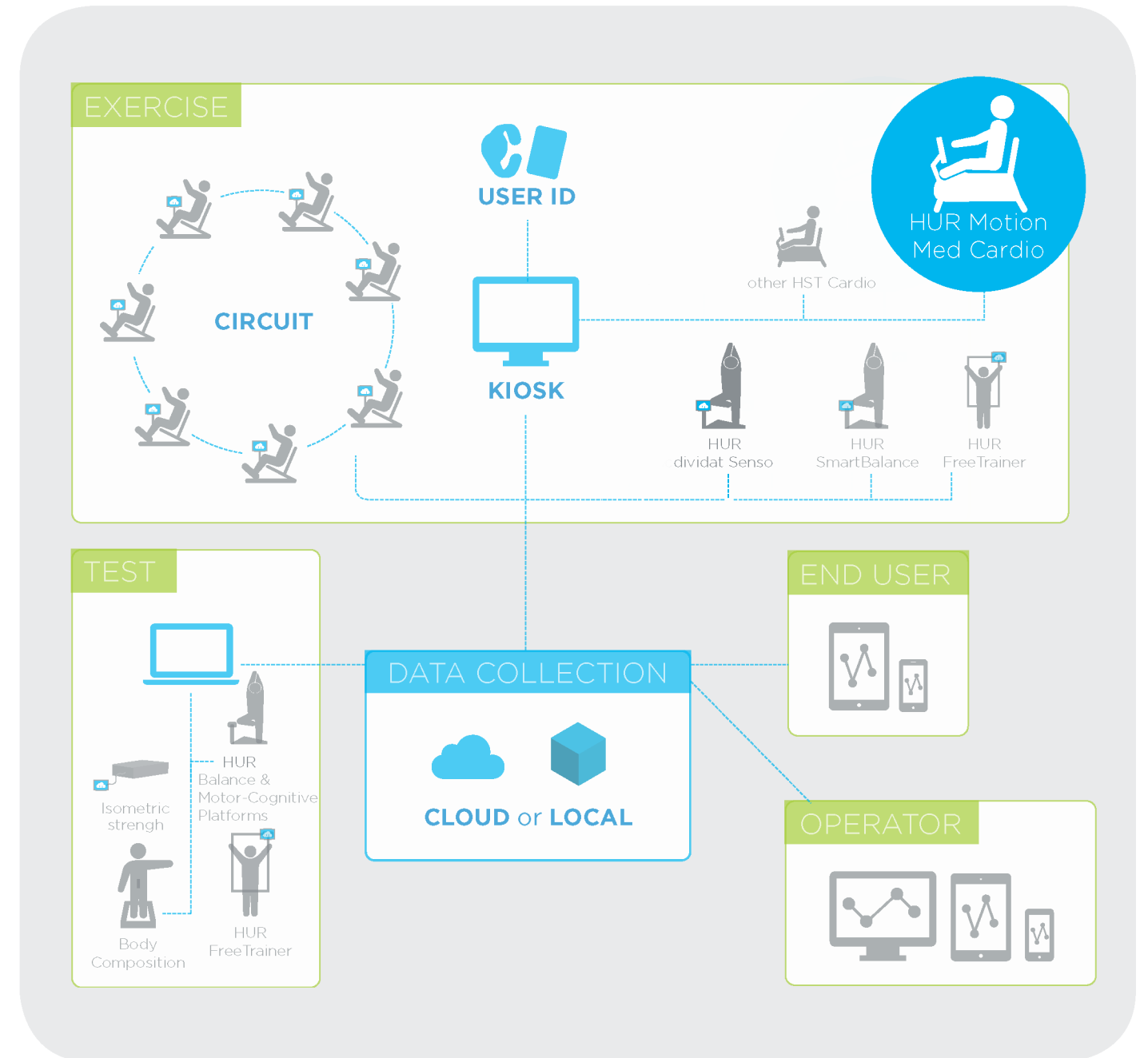
WE ARE STRONG IN SERVICE

We emphasize service and this does not just relate to our technical service, but to all other areas where we are in contact with our customers and business partners. We are big enough to work professionally and we are small enough to have a personal relationship with our business partners and customers.

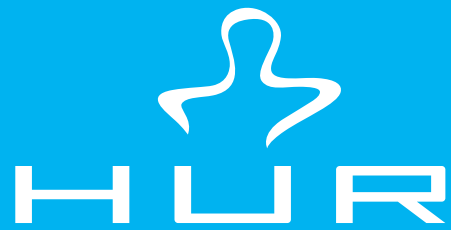
WE ARE SUSTAINABLE

Sustainability from the beginning to the end. All our cardio motion machines are made in Germany, since Europe is our largest sales market, the distances are usually short. All machines are durable and most of the materials used can be recycled. Most of the machines are gridindependent, and thereby save the most obvious resource –electricity – that you have on your bill month by month.

HUR SmartTouch Ecosystem



HUR motion med **CARDIO MACHINE** 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

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.



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