

## The Posturomed® accessories

### The provocation module

The provocation module is used for the standardised deflection of the Posturomed® therapy platform for direct feedback training. The provocation module deflects the therapy platform by 10, 20 or 30 mm and maintains this until released by the therapist's foot. With its colour design, the provocation module can also be used as a feedback module.

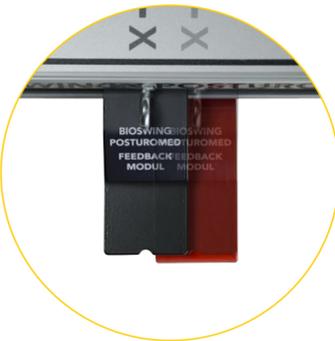
Device extensions:  
Posturomed® 202 and compact



### The feedback module

The mechanical feedback module gives the patient as well as the therapist better control of the motions of the Posturomed® platform with prescribed and to-be-maintained movement directions. This extension is especially expedient when installed on cable pulls or in the therapy with the rehab or seat module.

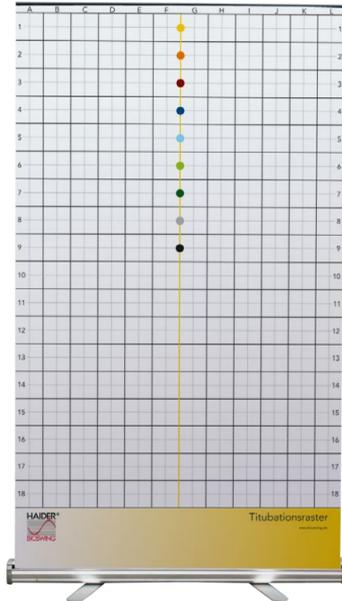
Device extensions:  
Posturomed® 202 and compact



### The titubation grid

For safe assessment of the exercising person's (partial) body sways („titubation“), the titubation grid (120 x 208 cm) is installed behind the Posturomed®. When using the MicroSwing® Posturo-CyberneticsTest or other measuring methods, the titubation grid ensures correct maintenance of the direction of movement thanks to the standardised alignment of the coloured dots.

Device extensions:  
Posturomed® 202 and compact,  
Torsiomed® and Propriomed®



Overview of the Posturomed® module connections:

	Posturomed® 202	Posturomed® compact
Rehab module	✓	
OSG module	✓	✓
Seat module	✓	✓
Provocation module	✓	✓
Feedback module	✓	✓
Titubation grid	✓	✓

## HAIDER BIOSWING® – Your partner for all aspects involving sensorimotor functions

HAIDER BIOSWING® develops and produces sensorimotor devices. These include training, therapy and seating systems. The systems optimise individual performance on the job, in preventive and curative medicine, as well as in health and fitness and competitive sports. The BIOSWING® products reflect dynamic rhythms and movements of the body. This stimulates the organism in its entire complexity, making it more effective.

Here you can experience the  
BIOSWING Posturomed® live:

For additional information see [www.bioswing.de/therapiesysteme](http://www.bioswing.de/therapiesysteme)

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20 YEARS  
POSTUROMED  
1995 - 2015

# BIOSWING Posturomed®

The sensorimotor prevention  
and therapy system



HAIDER®  
BIOSWING

WM20401-04

HAIDER®  
BIOSWING

Engineered and manufactured  
in Germany / Bavaria



## The Posturomed®

The Posturomed® is the sensorimotor prevention, therapy and diagnosis device with an attenuated oscillating unstable platform. This platform is suspended on a dual oscillation system that enables dosed attenuated compensation movements in specific frequency ranges and with different oscillation amplitudes. The design of the Posturomed® is predestined for the connection of numerous additional modules, which significantly expand the application possibilities.



A stabilised sensorimotor system is the foundation of a pain-free and powerful locomotor system.

## The effect

With the dosed provocation of the sensorimotor control and regulation in a closed chain of movements on the Posturomed®, postural actions and reactions can be optimally developed. This activation of the segmental, sectoral and polysegmental coordination stabilises the supporting joints and the spine. A stabilised sensorimotor system is the foundation of a pain-free and powerful locomotor system.



## The Posturomed® models

For stationary use:

### POSTUROMED® 202

The Posturomed® 202 with a therapy platform of 60 x 60 cm, a three-sided railing with transport rollers, latch extensions and an intervention pull with 12 screw-on eyelets. Approved Class 1 medical product (EU).



For mobile use:

### POSTUROMED® compact

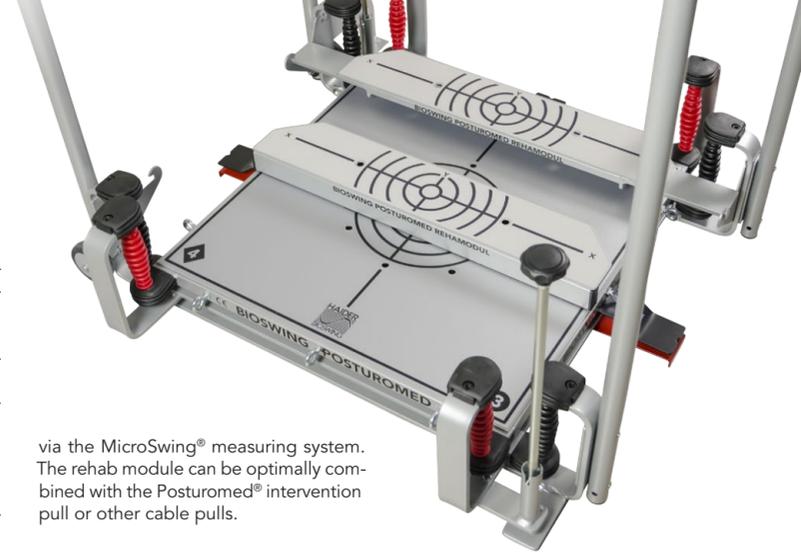
The Posturomed® compact with a therapy platform of 40 x 40 cm and a fold-down railing on one side with carrier handle, adjustable feet and large transport rollers. Approved Class 1 medical product (EU).



## The Posturomed® accessories

### The rehab module

Stabilisation exercises that focus on a certain direction can be performed with the rehab module in a closed chain of movement in the higher frequency muscle synergism. Thanks to the partial relief of the lower extremities, the rehab module can already be applied at an early stage of the postoperative rehabilitation phase. The patient stands with one leg on a stably supported fixed element above the therapy platform of the Posturomed® 202, and with the other leg on the unstably supported slide element. Visual feedback on the maintenance of the correct movement direction is required for optimum application of the rehab module: either mechanically via the feedback module or electronically



via the MicroSwing® measuring system. The rehab module can be optimally combined with the Posturomed® intervention pull or other cable pulls.

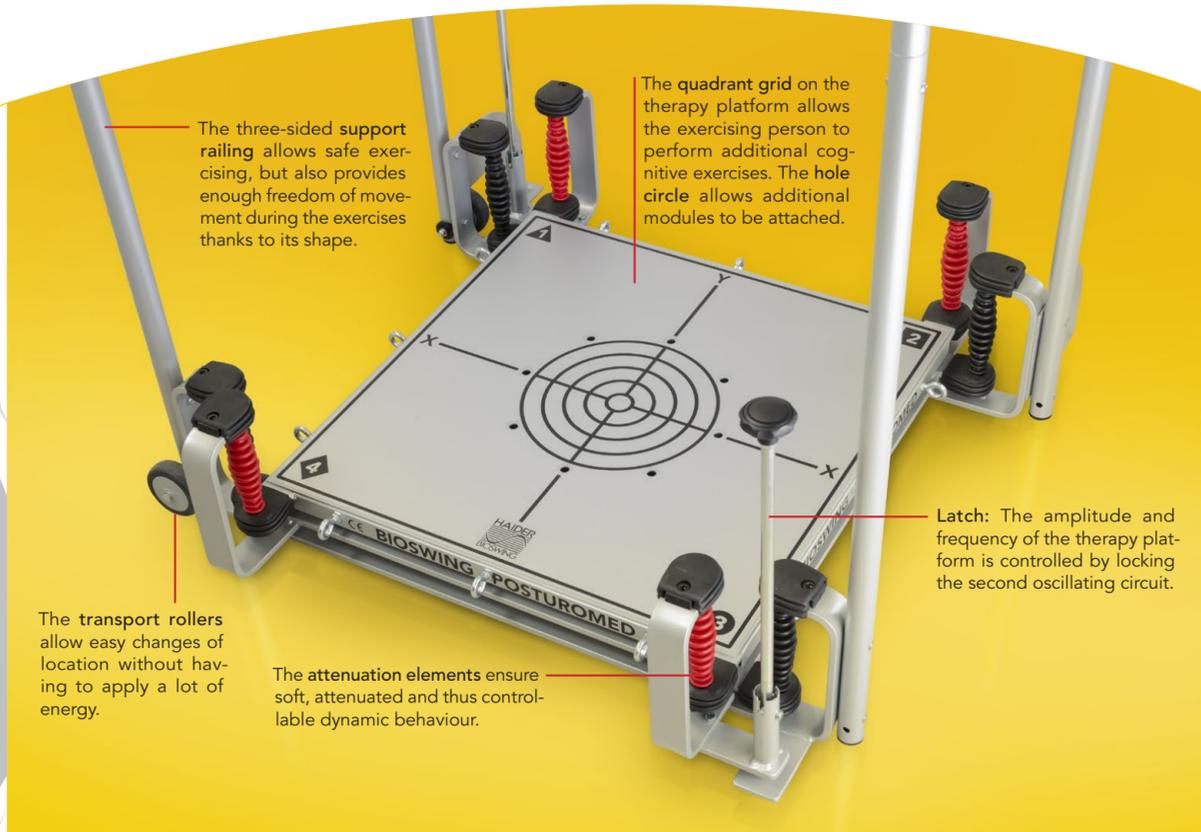
Device extension: Posturomed® 202

### The OSG module

With the OSG module, the sensorimotor stimulating movement impulses of the BIOSWING® training and therapy platform are also used outside of the horizontal level. The stabilisation capacity of the ankle joints is provoked around a tilt axis that can be locked at 45° angles. To avoid contraindicated movement deflections, the tilt of the 32 cm large platform can be limited to 7°, 10°, 15° or 20°,

both symmetrically and asymmetrically. In addition, an optionally available extension platform (Ø 37 cm) for exercises with both legs can be installed on the OSG module.

Device extensions: Posturomed® 202 and compact, Torsiomed®



The three-sided support railing allows safe exercising, but also provides enough freedom of movement during the exercises thanks to its shape.

The quadrant grid on the therapy platform allows the exercising person to perform additional cognitive exercises. The hole circle allows additional modules to be attached.

Latch: The amplitude and frequency of the therapy platform is controlled by locking the second oscillating circuit.

The transport rollers allow easy changes of location without having to apply a lot of energy.

The attenuation elements ensure soft, attenuated and thus controllable dynamic behaviour.

### The seat module

The seat module, which can be continuously adjusted in height from 38 to 51 cm, supplements the Posturomed® with the option to perform torso and leg-stabilising exercises while seated. It can be used in traumatology and orthopaedics, geriatrics and neurology, amongst other medical disciplines. Especially in early postoperative phases of the lower ex-

tremities, in which the supporting joints may not be put under any strain or can only be partially strained, synergistic co-activations of the torso can already be worked out with the seat module.

Device extensions: Posturomed® 202 and compact

