

**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 Torsiomed® live:**



For additional information see www.bioswing.de/therapiesysteme

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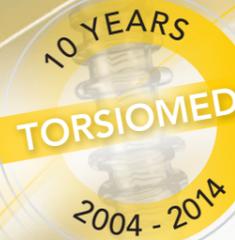


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BIOSWING Torsiomed®

The sensorimotor prevention
and therapy system

www.bioswing.de



Engineered and manufactured
in Germany / Bavaria



The Torsiomed®

The Torsiomed® is the sensorimotor prevention, therapy and diagnosis device with an attenuated oscillating and rotatable unstable platform (Ø 32 cm). This platform is suspended on an oscillation system that enables dosed attenuated compensation movements in a specific frequency range and

with an additional rotating component. Besides its originality, the Torsiomed® is the ideal supplement to the Posturomed® 202 because it can be perfectly adjusted to its therapy platform. Additional modules are also available for the Torsiomed®.



The hole circle on the therapy platform allows the additional modules to be attached.

With the gradual limitation of the torsion amplitude, the extent of movement can be adapted to the individual performance capacity.

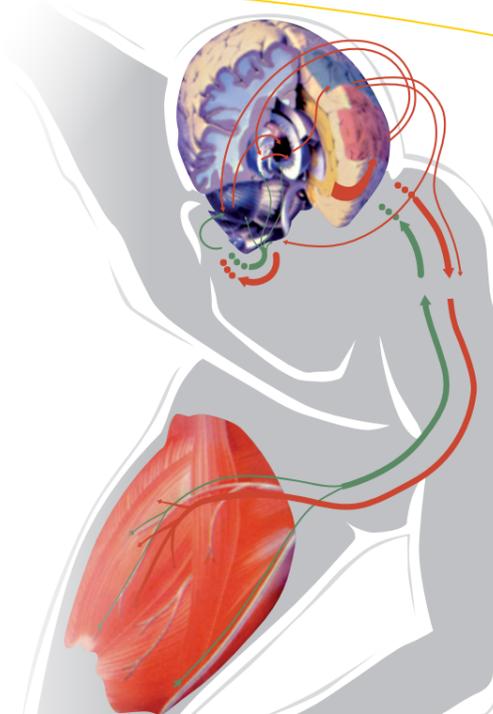
The attenuation elements ensure soft and attenuated oscillation.

With the gradual limitation of the torsion amplitude, the extent of movement can be adapted to the individual performance capacity.

The effect

With the dosed provocation of the sensorimotor control and regulation in a closed chain of lower movements on the Torsiomed®, postural actions and reactions can be optimally developed. Besides the linear directions of movement, the additional rotation stimulation (a max. 25° in each

direction) especially addresses the diagonal, segmentally stabilising musculature in the knee and hip region as well as that of the spine. This activation of the segmental, sectoral and polysegmental coordination optimally stabilises the supporting joints and the spine.



The Torsiomed® accessories

The OSG module

With the OSG module, the sensorimotor stimulating movement impulses of the BIO-SWING® 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.

Device extensions:
Torsiomed® and Posturomed®



The extension platform

This serves to extend the standing surface of the Torsiomed® platform or the OSG module to a diameter of 37 cm. Recommended for exercises with both feet and for large feet.

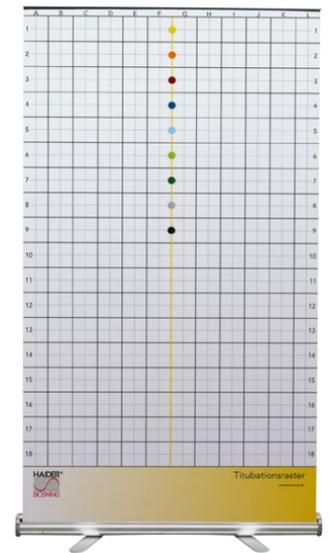
Device extensions:
Torsiomed® and OSG module



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 Torsiomed®. When using the MicroSwing® PosturoCyberneticsTest 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:
Torsiomed®, Posturomed® and Propriomed®



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

Torsiomed® on the Posturomed® 202

The Torsiomed® can be mounted with exact fit on the Posturomed® 202, and supplements it with a larger oscillation frequency and torsion amplitude.

