

SwayStar™



SwayStar™ was developed to provide a simple, rapid and highly accurate tool for use in the examination of a patient's stance and gait balance capabilities especially when these are compromised by problems that occur with ageing, vestibular loss, neurological deficits, whiplash injuries or orthopaedic problems.

During measurements the SwayStar™ unit is strapped around the waist at the level of the lumbar spine.

Its sensors register angular deviations and angular velocities of the trunk, near the body's centre of mass, in a highly sensitive manner. The level of precision (<0.01 deg/s) used is more than sufficient to register the miniature movements of the body when standing with eyes open. The system is so accurate it can measure the earth's rotation.

SwayStar™ is manufactured by BESTec-etp Freiburg GmbH (Breisgau Electronic Service Technologie), Riegeler Strasse 4a, D-79111 Freiburg, Germany. There is a development and manufacturing collaboration between Balance International Innovations GmbH and BESTec-etp GmbH.

**Here you can access the information on our
SwayStar™ balance analysis system.
Innovative techniques in elegant form.**

- ✓ Completely portable, quick and easy to use.
- ✓ One instrument for stance and gait tests.
- ✓ Bluetooth wireless communication to PC.
- ✓ Vibro-tactile and acoustic biofeedback available.
- ✓ Extreme precision.
- ✓ Multilingual software.
- ✓ Acoustic feedback available.
- ✓ Includes normal reference values for almost all standard clinical tests.
- ✓ Stance test analysis similar to those of dynamic posturography.
- ✓ Additional user defined tests can be configured.
- ✓ Graphics can easily be transferred via "clipboard" to other programs.

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