

Science **made** smarter

VisualEyes™ 525 Orion Rotary Chair

Rotational chair testing
made uncomplicated

Complete
VNG solution
with Orion
rotary chair
for balance
assessment

Micromedical
by Interacoustics




Interacoustics

Audiometry

Tympanometry

ABR

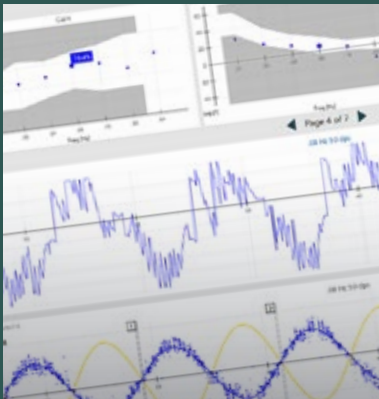
OAE

Hearing Aid Fitting

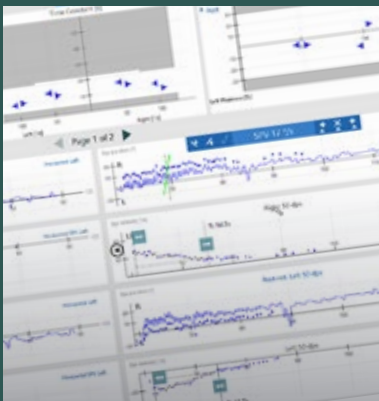
Balance


Rotational vestibular chair

Rotational testing is the gold standard for bilateral weaknesses identified in caloric and vHIT testing



SHA test summary view



Step test edit slopes

The reliability of the clinical information attained under the precisely controlled environment of the Orion rotary chair provides clinicians with the unique opportunity to accurately assess the Vestibular Ocular Reflex (VOR) efficiently and economically.

With the chair in the 90 degree upright position, the clinician can complete the following tests

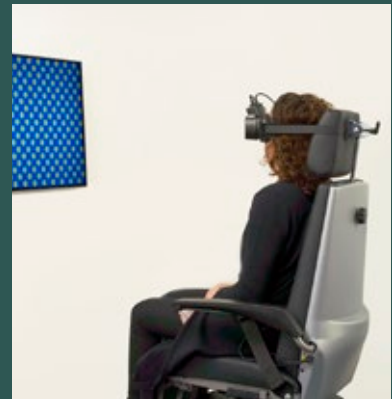
SHA VOR tests:

- VOR 0.01 to 0.64 Hz (20 d/s to 100 d/s)
- Visual VOR
- VOR Suppression
- Velocity Step Test (50 d/s to 200 d/s)

With the VisualEyes™ 525

Oculomotor option:

- Smooth Pursuit
- Saccade
- Optokinetic
- Gaze



A full test battery

A full test battery is included with the chair, including the sinusoidal pendular test and step rotation test.

Rotational chair testing is more sensitive to bilateral vestibular losses than caloric testing alone. It is the gold standard test for the assessment of patients with a compensated unilateral lesion or with bilateral vestibular lesions (e.g. ototoxic damage).

We have taken our decades of experience in the design and manufacturing of our rotational chairs to the ultimate in clinical efficiency. The reclining rotational chair completes the standard rotational chair testing protocols, then reclines for caloric and positional testing.

Space-saving design

The chair allows you to carry out all tests in a minimum of space. In addition to rotation tests, it reclines precisely to 30 degrees for caloric testing with easy access to both ears. It also reclines completely to act as an exam table for positional and Dix-Hallpike tests.

Recline to zero degrees for positional tests

Recline the chair flat for positional tests and remove the head rest to complete Dix-Hallpike testing. The full supine position also facilitates canalith repositioning maneuvers.

Recline to 30 degrees for caloric testing

With the chair reclined to 30 degrees, it is set for caloric test protocols. VisualEyes™ software integrates either the AirFx air caloric irrigator or AquaStim water caloric irrigator for computer controlled caloric stimulations.



For added safety a brake button assures stability when the seat back is reclined.



Recline to 30 degrees for caloric testing



To assure a correct angle for caloric testing, an indicator resides on the side of the chair.



Science made smarter

Interacoustics is more than state-of-the-art solutions

Our mission is clear. We want to lead the way in audiology and balance by translating complexity into clarity:

- Challenges made into clear solutions
- Knowledge made practical
- Invisible medical conditions made tangible and treatable

Our advanced technology and sophisticated solutions ease the lives of healthcare professionals.

We will continue to set the standard for an entire industry. Not for the sake of science. But for the sake of enabling professionals to provide excellent treatment for their millions of patients across the globe.

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Related products



VisualEyes 525

Complete VNG solution for
balance assessment

Air Fx & Aqua Stim

Versatile caloric air and
water irrigators

EyeSeeCam vHIT

Video Head Impulse Test

Product specifications

All technical and hardware specifications concerning all products can be downloaded from our website.



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