

Science **made** smarter

# VisualEyes™ 515/525 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

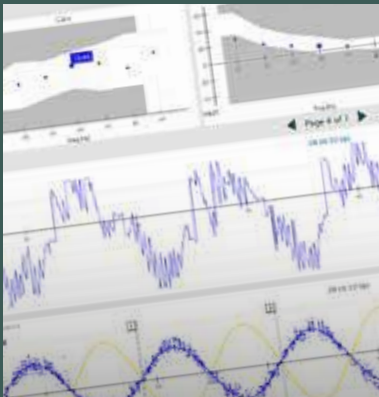
OAE

Hearing Aid Fitting

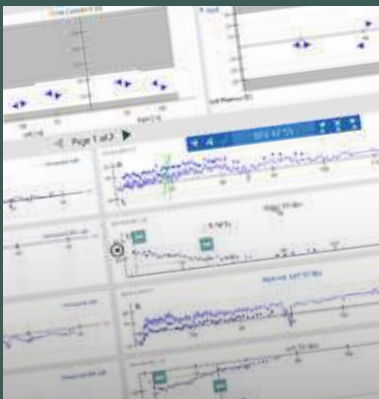
**Balance**  


# 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

##### Ocularmotor 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.

[Interacoustics.com](http://Interacoustics.com)

Interacoustics A/S

Audiometer Allé 1  
5500 Middelfart  
Denmark

+45 6371 3555  
[info@interacoustics.com](mailto:info@interacoustics.com)

[interacoustics.com](http://interacoustics.com)

Go online to  
explore our  
full product  
range

## 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.



# Interacoustics