



Perform air caloric testing with confidence

# Bringing an alternative solution to expand your clinical reach

Excellent visibility – efficient irrigation



**Irrigation with the ICS® Aircal provides a modern choice for gold standard caloric irrigation. It combines convenience with patient comfort enabling you to do caloric testing with confidence. With no water to catch, the entire irrigation process is easier for the clinician and more pleasant for the patient.**

## Accurate stimuli without water

Research has proven that using air temperatures set at 24°C and 50°C creates a comparable response, similar to that of water irrigation.\* ICS Aircal heats and cools at a temperature range from 12°C to 50°C. For accuracy, the temperature is controlled at the tip of the delivery tube controlling the air temperature transferred to the patient. With the superior delivery head, the tester can see the tympanic membrane, making it easy to accurately deliver the stimulus. This new design reduces the learning curve for clinicians who currently use a water irrigator.

The caloric test forms the key element in the VNG/ENG test battery with the requirement that the stimulus delivered to each ear be exactly the same.

## Efficient and accurate testing

The intuitive digital display including the large buttons makes it easy to operate the device in the dark. The LED display is set at an angle and has large, bright numbers which are viewable from various positions within the room.

## Flexible, quiet and portable

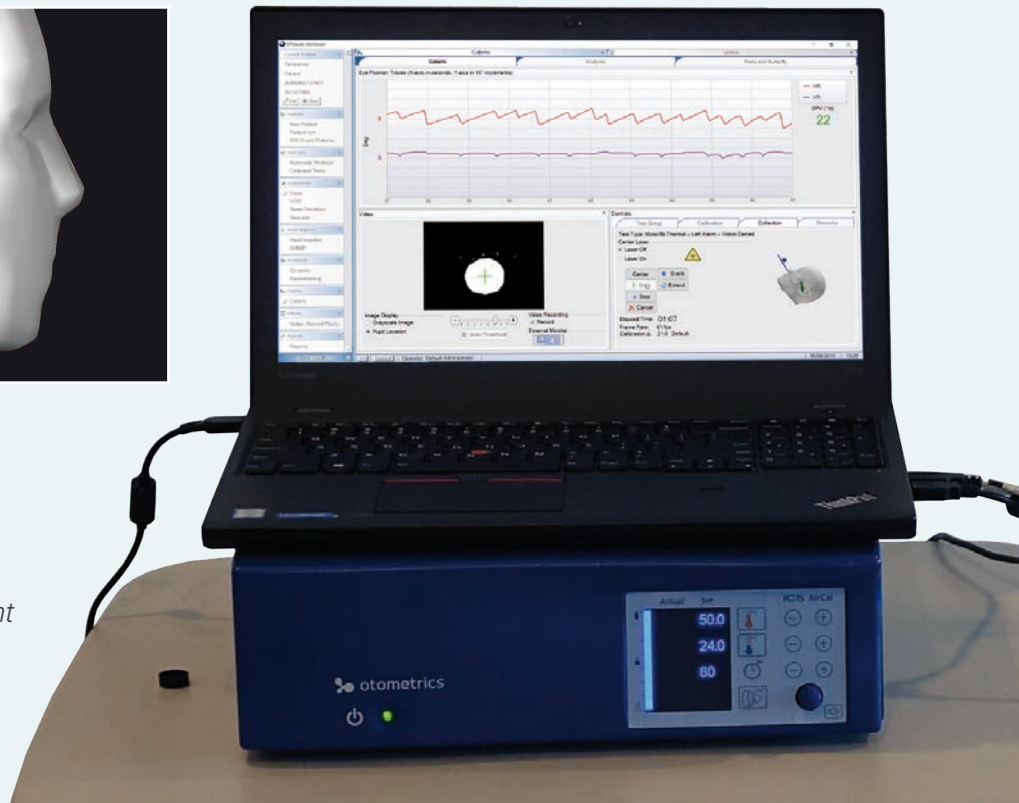
You can set the temperature, airflow and time to meet your clinic's requirements. Furthermore, you can set the intensity of the beep that lets you know the stimulus time has been reached. The ICS Aircal is quiet, has a small footprint and is light weight (18 lb/8 kg), making it easy to transport.





*Superior visibility*

*Small footprint*



### Superior delivery head

- Fully-lighted, unobstructed view of the tympanic membrane
- Enables you to direct the flow of air straight at the tympanic membrane for effective irrigation
- Disposable specula complying with infection control standards
- Unique head design allows for cooling of the air without condensation build-up

### Temperature control – Cools below room temperature

- Heats and cools at a temperature range from 12°C to 50°C
- Enables you to create the same response as water irrigation\*
- Stabilizes at the desired temperature in less than 60 seconds of start-up

### Intuitive digital display

- Easy-to-see display in the dark, and the large buttons are easy to find
- Display is viewable from many angles allowing you to stay near your patient
- Water reservoir level display tells you when refill is needed

\* Barin, K. (2008). *Background and Technique of Caloric Testing*. In *Balance Function Assessment and Management*. 1st ed. San Diego: Plural Publishing: 197-228 • Barin, K. (2008). *Interpretation and Usefulness of Caloric Testing*. In *Balance Function Assessment and Management*. 1st ed. San Diego: Plural Publishing: 229-252. • British Society of Audiology (1999) *Recommended Procedure: Caloric Testing*. *British Journal of Audiology* 33: 179-184. • Ford, CR & Stockwell, CW (1978) *Reliabilities of air and water caloric responses*. *Archives of Otolaryngology* 104: 380-382. • Zapala, D & Shaughnessy K *Water vs. Air - Are they equivalent caloric stimuli?* - Mayo Clinic Jacksonville, FL • Zapala, DA; Olsholt KF & Lundy LB (2008) *The comparison of water and air caloric response and their ability to distinguish between patients with normal and impaired ears*. *Ear & Hearing* 29(4): 585-600.

**For more information about ICS Aircal go to [hearing-balance.natus.com/aircal](https://hearing-balance.natus.com/aircal)**

### About Natus

A leader in hearing and balance products and solutions, Otometrics was acquired in 2017, and is now known as Natus. For almost 60 years, we have been helping clinicians improve the quality of life for their clients and patients by delivering expert knowledge, reliable solutions and services and trusted partnerships.

We continue to develop, manufacture and market audiological, otoneurologic and vestibular instrumentation in more than 80 countries under trusted brand names, including Madsen®, Aurical®, ICS®, Otoscan® and Bio-logic®.

Natus Medical Incorporated is the global brand clinicians depend on when diagnosing and treating disorders of the central nervous and sensory systems to improve patient outcomes. For more information, please visit [natus.com](https://natus.com).

**Healthcare solutions with one thing in mind. You.**

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