



Precise stimulus control

Test can be started from delivery head or footswitch

A light on the delivery head illuminates the ear for irrigation

Safe - designed with electrical and thermal protection

Can be integrated with the computer-based ICS CHARTR VNG/ENG systems

Water Caloric Stimulator

The ICS NCI-480 water caloric stimulator sets the gold standard for caloric testing, providing precise control of temperature, duration and flow rates.

Gold standard for caloric testing

The caloric test is the key element in the VNG/ENG test battery and caloric stimulation with water is the traditional, proven method. With the NCI-480, the clinician can feel assured that the stimulus delivered to each ear is exactly the same.

Convenient to operate and maintain

The NCI-480 water caloric stimulator provides a series of features that make the test easy, safe and convenient:

- Continuous circulation of the water through the delivery tube and irrigation head eliminate the need to purge prior to stimulation.
- The delivery head and footswitch each provide a convenient way to initiate stimulation and a light on the delivery head illuminates the ear.
- Special safety features protect the patient from the hazards of electrical shock and incorrect temperatures.

Integration with computer-based ICS CHARTR VNG/ENG system

Only GN Otometrics offers integration of the caloric stimulation function with our computer-based VNG (Videonystagmography) and ENG (electronystagmography) systems. The program remotely selects the required warm or cool temperature. Test initiation simultaneously starts the recording and the caloric stimulus. In addition, remote controls can center the recording (ENG) or remotely start a digital video recording (VNG).

Technical specifications:

Temperature range:	25o to 50oC
Temperature readout:	Digital
Temperature accuracy:	± 0.1oC
Time range:	1 - 99 seconds
Flow rate range:	0 - 600 cc/minute
Capability to control	
by computer:	Standard
Input power:	120 VAC @ 60 Hz or 240 VAC @ 50/60 Hz 10A @ 120 VAC, 5A @ 240 VAC (max.)
Safety features:	Over-temperature protection on main circuit Over-temperature protection on secondary circuit Temperature sensor failure shut down Tilt switch disables when opened
Flow activation:	Switch on delivery head or footswitch
Size (W x D x H):	22.5 x 17.5 x 11.5 inches 57 x 44 x 29 centimeters
Weight:	65lbs. filled, 35lbs. empty 30kg. filled, 16 kg. empty

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GN Otometrics

GN Otometrics is the world's leading manufacturer of hearing and balance instrumentation and software – innovative concepts designed to help healthcare professionals make the best possible decisions. Our solutions range from infant-screening applications, audiologic diagnostics, and office management software, to balance testing and hearing-aid fitting.

Based in Copenhagen, Denmark, we maintain marketing and development centers in both the United States and Germany. GN Otometrics is part of GN.

