



# VNG / Mini VNG / vHIT / Irrigator

## Competitive Solution for Vertigo Diagnosis

# ISEN-VNG

ISEN-VNG ( Video electronystagmograph), combining infrared image processing with Usbwire transmission, can be applied in analyzing all kinds of VNG.

ISEN-VNG can be used for discriminating between peripheral vertigo and central vertigo, and then diagnosing which side of vestibular system is abnormal in case of peripheral vertigo.

## Tests

- Spontaneous test
- Gaze test
- Saccade test
- Ocular pursuit test
- Optokinetic test
- Position test
- Dix-Hallpike test
- Caloric test



YD-III

## Characteristics

- Binocular acquisition and display
- Review of eye movement image and waveform
- Enhanced stimulation with projector or large screen display
- Remotely controlled fixation LED target in goggles
- Using AI eye-tracking recognition technology, automatically and precisely locks onto the position of the pupils



# ISEN-vHIT

Independently assess the function of all six semicircular canals.

Fast and effective technique for testing the high-frequency VOR pathway.

Help distinguishing between central and peripheral vestibular disorders.

## Tests

- Video Head Impulse Test (vHIT)
- Suppression Head Impulse Paradigm (SHIMP)
- All VNG Tests included



vHIT

## Characteristics

- Using AI eye-tracking technology to lock onto pupil position
- Using ultra-lightweight goggles that fit perfectly with the face
- Symmetrical design with dual eye covers for flexible testing side switching
- High frame rate eye movement image capture allows for more accurate eye movement capture, waveform marking and data analysis

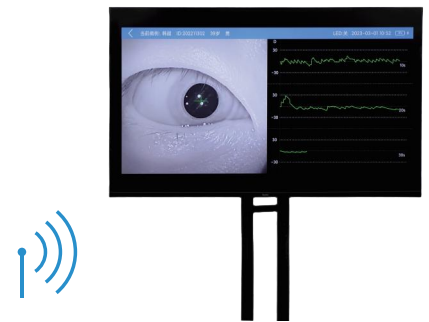


# ISEN- Mini VNG

Designed for acute care, bedside examination, inpatient consult, and outpatient assessment for differential diagnosis of acute dizziness/vertigo.

## Tests

- Spontaneous test
- Gaze test
- Saccade test
- Position test
- Dix-Hallpike test
- Caloric test



## Characteristics

- Enlarged patient eye imaging for easy recording of small-scale nystagmus
- Binocular eye image capture, display, storage, and playback.  
Built-in 256 GB storage space.
- Real-time nystagmus tracing, flexible eye-nystagmus duo display
- Data analysis system available for medical record management and exporting of reports and videos
- Wireless data transmission, wireless screen mirroring, wireless printing



IG / IG Pro



Data analysis

## ISEN- Air Caloric Irrigator

Fast and accurate heating/cooling  
Real-time video otoscope .

### Characteristics

- Real-time video display via a video otoscope, minimize insufficient irrigation
- Durable design. No refilling cooling water needed. Low maintenance
- Voice reminders when reaching preset time/temperature



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ISEN Tech. & Trading Co, Ltd.

302A Bldg.11, No.3 GAO LI ZHANG Rd.

HAIDIAN Dist. BEIJING 100095 CHINA

+86-10-62173678

[sales@isen.com.cn](mailto:sales@isen.com.cn)

[en.isen.com.cn](http://en.isen.com.cn)