

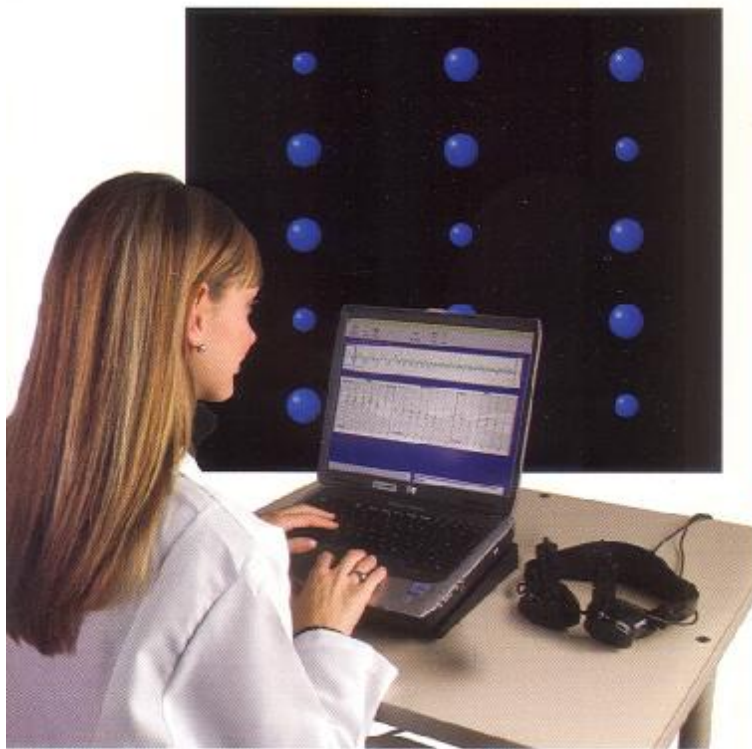
# VisualEyes™

Laptop vng

DESIGNED SPECIFICALLY TO MEET MOBILITY AND SPACE LIMITATION REQUIREMENTS, MICROMEDICAL'S LAPTOP SYSTEM PROVIDES AN UNPRECEDENTED OPPORTUNITY TO KEEP YOUR CLINIC ON THE CUTTING EDGE OF TECHNOLOGY.



## To Preserve and Improve Balance

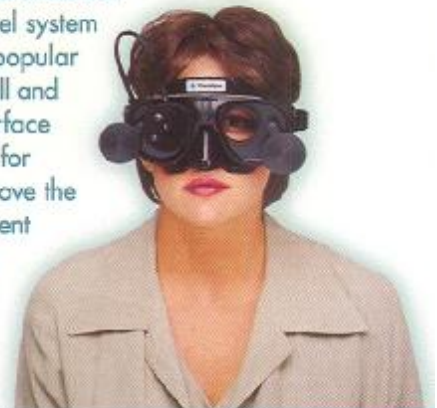


### LAPTOP SYSTEM WITH PROJECTION

VISUALEYES LAPTOP VNG INCLUDES LAPTOP COMPUTER, PORTABLE DIGITAL LIGHT BAR STIMULUS, RF FOOTSWITCH, PRINTER AND MICROMEDICAL'S DATALINK™. DATALINK UTILIZES STANDARD RESOLUTION USB VIDEO CAPTURE TECHNOLOGY TO ACCURATELY ACQUIRE HORIZONTAL AND VERTICAL EYE POSITIONS. THE LAPTOP SYSTEM CAN ALTERNATIVELY BE CONFIGURED WITH AN LCD PROJECTOR STIMULUS AS SHOWN ABOVE. EITHER STIMULUS ALLOWS THE SYSTEM TO BE COMPLETELY PORTABLE.

### VISUALEYES MONOCULAR GOGGLE AND CAMERA

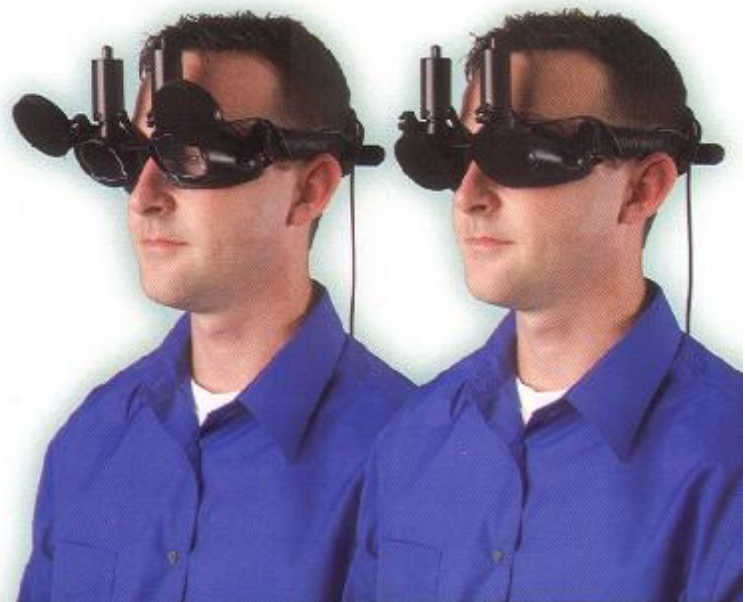
VisualEyes laptop VNG is also available as an economical two-channel system that utilizes Micromedical's popular single camera goggle. The ball and socket camera to mask interface allows the flexibility to adjust for interpupillary distance and move the camera to record eye movement from either eye. The camera body features a built-in microphone, external focus knob and fixation light



### VISUALEYES BINOCULAR GOGGLES

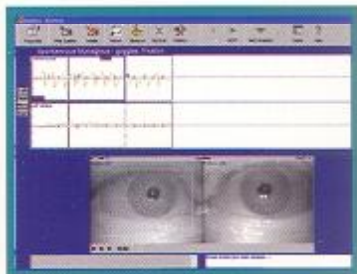
The innovative binocular design of the goggles includes the following key features:

- Adjustable nose bridge for different size faces (interpupillary distance)
- Ball and socket housing interface to precisely aim cameras
- Integrated external focus knob and built-in fixation light for each eye
- Eye portal covers snap closed for vision denied recording or snap open when recording eye movement requiring a full field of view at  $\pm 45^\circ$  horizontal and  $+25^\circ / -35^\circ$  vertical.
- Micro video cameras keep weight of binocular goggles to just 7.5 oz.





## To Preserve and Improve Balance



The EyeMax image on testing and analysis screens is large enough to see minute eye movement detail. Nystagmus waveforms are color coded for easier readability.

### BENEFITS OF EYEMAX

- Real-time eye video images can be viewed on the computer screen for all tests.
- Digitally record eye movement video with audio for the entire nystagmus or ocular motor test duration. Video can be exported for use in educational presentations.
- During analysis or report interpretation a scrolling time marker allows you to directly correlate the eye movement tracing with minute eye movements and any ocular torsion present in the video playback.



MICROMEDICAL'S SPECTRUM SOFTWARE ALLOWS UNIQUE INTEGRATION AMONG ALL MICROMEDICAL SYSTEMS OPTIMIZING STAFF EFFICIENCY, CONTINUITY OF PATIENT DATA AND REPORT CONSISTENCY. SPECTRUM FOR VISUALEYES IS CLEVERLY DESIGNED TO MAXIMIZE ACCURACY AND FLEXIBILITY THROUGHOUT THE ENTIRE VESTIBULAR TESTING PROTOCOL. FOR EXAMPLE, CALIBRATION OF THE EYE MOVEMENT CAN BE ACHIEVED EITHER THROUGH THE STIMULUS OR VIA A ONE-CLICK IRIS CALIBRATION PROCEDURE. AN INTEGRAL FEATURE OF THE SOFTWARE IS EYEMAX™ DIGITAL EYE MOVEMENT RECORDING.

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### OPTIONS

- EOG amplifier to add electrode recording capability
- VORTEQ® active head rotation VOR test
- DVA-Test™ dynamic visual acuity VOR test
- BALANCE CHECK™ platform posturography
- VisualEyes is expandable with other commercially available ABR/OAE

### BALANCE CENTERS & FALL PREVENTION CLINICS SHOULD ALSO ACQUIRE:

- SYSTEM 2000™ rotational vestibular chair
- BALANCE QUEST™ computerized dynamic posturography

### CUSTOMER CARE

Micromedical's knowledgeable staff is dedicated to assisting you and maximizing your investment by:

- Incorporating the latest advancements in computer technology into new systems on an ongoing basis
- Providing on-site installation and training
- Producing innovative hardware and software designs
- Providing technical, operational and interpretation assistance from Micromedical's support staff
- Sponsoring continuing education courses
- Including one year warranty on hardware
- Offering a three year on-site warranty for laptop computers
- Providing assistance with coding and billing issues
- Including one year of free software updates
- Providing Micromedical's educational Vestibular Update interactive CD

### SAFETY STANDARDS

VisualEyes systems are designed to meet applicable medical standards worldwide.

- UL2601-1
- IEC 60601-1 patient safety standard

### HIPAA PRIVACY STANDARDS

Micromedical's Spectrum software is HIPAA ready, enabling healthcare providers or other covered entities to meet and maintain the confidentiality of patient medical information required by the Health Insurance Portability and Accountability Act of 1996.

Patient information can be de-identified for printed reports while the Windows XP® platform supplies the foundation for system security.



10 KEMP DRIVE • CHATHAM, ILLINOIS 62629  
800.334.4154 U.S. AND CANADA  
217.483.2122 OUTSIDE U.S.  
217.483.4533 FAX  
WWW.MICROMEDICAL.COM