



What is PVVAT™

PVVAT™ is a state-of-the-art computerized acuity software program designed and built by experts with uncompromised attention to detail.

Who we are

We are the leading provider of benchmark acuity testing tools for more than 35 years worldwide. Our vision and quality leads the way in the eye care industry for Optometrists, Ophthalmologists, researchers, hospitals, universities, pharmaceutical companies, implantable lens manufacturers, NASA, the US military, public school districts and more. Our products are used with patients of all ages in general practice, research, cutting edge technologies and charitable work everywhere. We enjoy the privilege of working with some of the greatest contributors to the eye care profession and in turn provide products that have become recognized standards internationally.

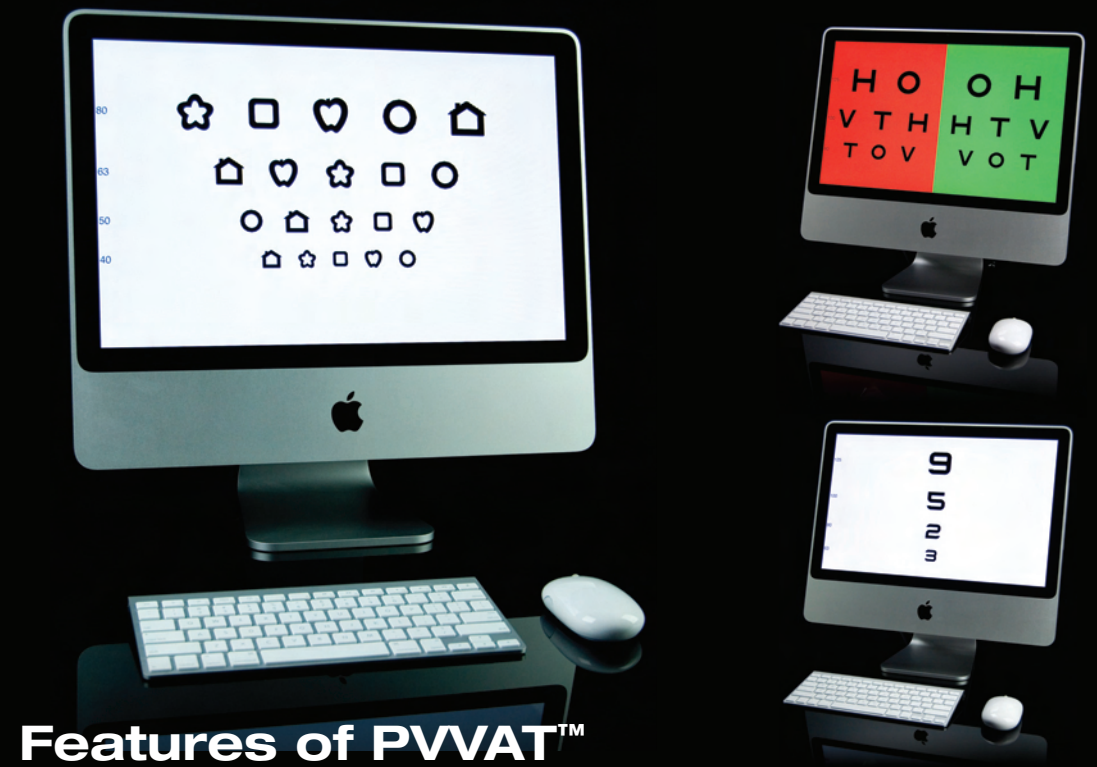
Why should you consider PVVAT™

Many of the acuity systems available today evolved from software programmers entering the eye care profession as other markets shrank. Others emerged from companies that provide other devices to the industry with core competencies based elsewhere. Many of these companies are not aware of the science or the importance of optotype design, selection, sizing, spacing, contrast levels and many other aspects of testing vision. You could buy another system and wonder about those details or, for about the same cost you could buy the PVVAT™ and know that you have a precise vision testing tool from a recognized leader. One that's easy to use, expandable, upgradable and is loaded with features.

PVVAT™ is a product of many years experience working with and for dedicated professionals like you.

Why would you consider anything less?

computerized visual acuity testing



Features of PVVAT™

- > A complete line of acuity tests in one easy to use software solution.
- > Automatically randomized optotypes to prevent memorization. Ability to easily create and save your favorite test configurations.
- > Single line, multi line ETDRS chart or single optotype, with or without crowding bars or MassVAT® frame. Easily choose high contrast or selectable low contrast levels.
- > Loaded with only our optotypes. Accepted, approved and trusted worldwide. Patti Pics®, Sloan Letters, Landolt C, Tumbling E, PV Numbers®, HOTV.
- > Optotypes easily scaled to match your room size. Mirrored with a single button.
- > Quick keys for every optotype, chart and format for fast and easy use.
- > Precise calibration of sizes, spacing, brightness and contrast levels. Selectable progression; logarithmic ETDRS or traditional (Snellen). Selectable notation: US (feet), metric, decimal or logMAR.
- > Control all test functions easily with the remote control or keyboard. No need to use a mouse after the initial setup.
- > Play videos for fixation, education and advertising. Pre-loaded with some children's 3D animations and videos.
- > Slide shows are easily loaded with your content to demonstrate procedures, market your practice or products, show ocular pathologies, etc. Pre-loaded with some scenic and ocular pathology slides to get you started.
- > Software runs on Mac or PC. Run on a laptop for remote testing in schools, nursing facilities, homes, etc.
- > New features are being developed on a regular basis and are made available at little or no cost to our customers.
- > Bring a high-tech look and feel to your exam room with higher flexibility and functionality than projectors.

a new visual acuity standard

Specifications

Tests

Acuity Charts
Low Contrast Charts
Worth dot
Contrast sensitivity
Astigmatism
Circular astigmatism
Concentric circles
Red green balance
Maddox rod
Phoria test
Vernier test
Amsler grid
Disparity chart
Fixation points
Solid white dot
Changing color dot
Images
Videos

Acuity notations are user selectable in Logarithmic progression or traditional Snellen.

Optotype choices

Patti Pics® Pediatric Test
Sloan Letters
HOTV
Tumbling E
PV Numbers®
Landolt C

All optotypes easily viewable in the following selections

Single character mode (crowding bars on/off)
Single line mode (MassVAT® frame on/off)
Multi line ETDRS format
Multi line all same size
Single column mode (speed acuity testing)

Software only for PC or Mac or bundled with the new 20" or 24" iMac for the best possible graphic display.

20" iMac Bundle Features

2 GHz Intel Core 2 Duo (2 processors)
1 GB 667 DDR2 SDRAM
160 GB hard drive for videos and pictures
DVD drive will play commercial DVD-disc content
Body thickness: 2 inches
Depth including base: 6.8 inches
Height: 16.9 inches
Width: 16.8 inches
Weight: 15.5 pounds
Complete installation of software
Whisper quiet operation provides distraction free use
All in one design provides clutter free environment

Monitor

Adjustable Brightness: (factory setting 250cd/m²)
Contrast ratio: 500:1
Monitor viewing angle: 140° horizontal, 120° vertical

Networking

Built-in 802.11g wireless network card
Built-in Bluetooth 2.0+EDR
Built-in Gigabit BASE-T Ethernet for wired networks

Audio/Video

Built-in stereo speakers with internal 12-watt digital amplifier
Fast ATI Radeon X1600 128 MB SDRAM graphics for quick charts and HD video support
Supports second monitor for running other applications
Optical digital audio output and headphone output

Software Only System requirements

PC – Windows XP/Vista, 800 x 600 display minimum, Quicktime
Mac – Mac OS 10.3 or higher, 800 x 600 display minimum, Quicktime

Options

Apple wireless keyboard
Apple wireless mouse
Custom Wall Mount Bracket

Peripherals

Custom wireless digital remote (infrared)

Extras

FREE Patti Pics® response Key & HOTV Response Key



Precision Vision®
quality products. innovative solutions.

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