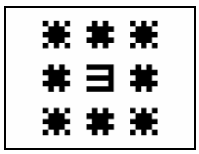
VistaVision WIDE

... a unique and simple CHART PANEL to meet all professional needs in vision testing !

High Technology, All in one, LCD 22", Visual Acuity Tester

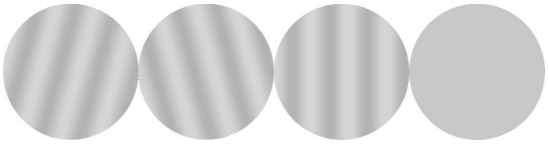
- LCD 22" WIDE Screen GRADE A, contrast 1000:1, calibrated and certified luminance,
- Wall mounting and Portable
- Lifelong LCD calibrated and constant luminance
- Completely silent (fan-less)
- Fast built-on and instant-off (Embedded Linux Operating System)
- All letters chart with contrast sensitivity function
- Complete, precise and versatile software for a fast acuity evaluation; programmable patient's acuity examination
- Free internet upgrade software via USB Key
- Long-life, up to date technology and competitive price!

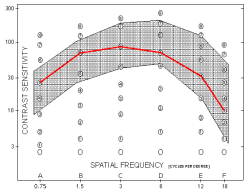


Charts, ETDRS

From 0.3/10 to 16/10, 13 contrast LogSC levels, random, single letter, single line, multi line, red and green.

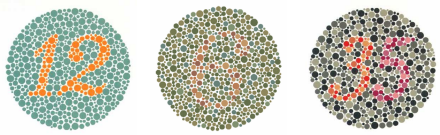
FAST 2-1 psycho-physic procedure

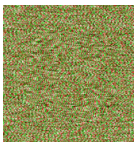


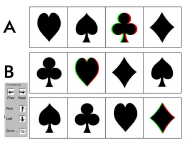


Contrast Sensitivity Test

144 calibrated stimuli, 3 random inclinations, 8 contrast sensitivity levels, 6 spatial frequency levels (from 0.75 to 18 cycle/degree), graph report.







Ishihara Tables (25 brightness calibrated tables)

Stereo test (15 tables)
to use with red-green glasses

All tests: Contrast Sensitivity Test with innovative FAST 2-1 psycho-physic procedure, Snellen Letters, Sloan Letters, Hebrew Letters, Numbers, Children's Images A, Tumbling E, Landolt's ring, HOTV, ETDRS Like Refraction, Allen Pre-school, Red and Green, ETDRS Like Right, ETDRS Like Left, Stereopsis Test Red - Green, LeaLike Symbols, Sinusoidal Grating, Color Blindness Test, Amsler's Grid, Chinese Ideograms, Worth Four Dot Test, Astigmatism Clock Dial, Binocular Balance, Cross Cylinder Dots, Duochrome Balance, Circular Optotypes, Schober's Test, Adult Grid, Child Grid, Horizontal Phoria, Vertical Phoria, Row Bright Letters, Column Bright Letters, Half Clock Dial, Rectangle Test Horizontal, Rectangle Test Vertical , Contrast Sensitivity Chart - 6 lines, Contrast Sensitivity Chart - 12 lines, Stereo Test, Cross Test, Children's Images B, Children's Images C, Kolt Symbols, Point of Fix, Maddox LED Test, Picture for Retinoscopie, Schematic eye, Child movie, Tutorial movies, ...

All settings: Multi-user settings (up to 3 users), background luminance level setting between normal and high brightness, 17 Visual Acuity Scales (Arithmetical and Geometrical progressions), Patient-Screen distance from 0.5 m to 8 m, Mirror option, 6 languages software, Red and Green calibration, Personal group tests setting, 4 programmable patient's examination ...

Tools: Remote infrared control, Stereo sound, Animation for children, Wall mounting (standard VESA) or 360° Rotating Stand for table use, Red and Green glasses, Patient's report, USB for patient's report storage, USB key for software upgrade, USB connection for personal slideshow and movie player, Trolley for portable use.

contrast sensitivity, chromatic sense, resolution acuity, phorias, binocular vision, stereoscopic vision, near vision

Up to Date Technology

Most of famous Chart Panels sold in the world, even by big companies, are based on a general purpose personal computer: standard operating system, memory data storage on mechanical hard disk, high power dissipation, … all that gives you reliability problems!

VistaVision is different from standard PC based chart panel!

VistaVision relies on high quality, new technology and maximum reliability systems:

- Linux Embedded (1)
- Data storage on flash memory (2)
- Ad-hoc developed electronic board with only 4W power consumption (3)

(1) To assure software stability

(2) To assure no data corruption or data lost

(3) For electronic longlife and silent fanless system

The Modern Way for Vision Testing

VistaVision is a long-life reliability tool

- Five years warranty
- 40.000 hours LCD life guarantee

VistaVision is a precise tool

- 10 years software developed with the support of ophthalmologist, optometrist and orthoptist team
- LCD luminance and contrast curve are calibrated by certified body for a professional contrast sensitivity measurement
- Red and green calibration menu
- Silent

VistaVision is a versatile tool

- Maddox LED Test
- Trolley for portable use
- Interfaced: wireless connection to Phoropter
- 360° Stand for table use
- Multi-user: up to 3 different users
- 4 patient's programmable evaluations
- All customize preferences

VistaVision is price sensitive

- Free internet software updates forever
- Cheaper than competitors' same level products

Specifications

- LCD 22" WIDE GRADE A, contrast calibrated system for a precise sensitivity measurement
- Wide Range of Examination: 0.03 – 1.6
- Adjustable working distance: up to 8 m or 26 ft
- Two preselected background luminance levels: dark room or normal room
- Visual units: 17 representations of visual acuity are available (decimal, log, LogMar, 20 ft, 10 ft, 6 m, 3 m, …)
- Just 3 remote control key to run all tests
- Programmable display sequences
- Contrast Sensitivity Test: "Sequential" procedure and "Fast 2-1" psycho-physic procedure
- Single letter, Horizontal line, Descending lines
- Unlimited number of charts, full optotype randomization
- Video player with children entertainment and stereo audio
- Slideshow and movie player for personal pictures and movies
- Eye pictures: anatomy, pathology and therapy. Tutorial movies
- Stylish Design, Silent
- Maddox LED
- Dimension (WxHxD): 52.5 x 36.5 x 6.5 [cm]
- Weight: 7 Kg
- Adjustable auto power off
- Power supply: 110-220 VAC, 50-60 Hz
- IR remote battery type: AAA LR6
- Standard wall mounting Vesa 100 x100 or table rotating version
- Classification: Medical Device Class 1
- Compliance with: international standard UNI EN ISO 15004, ISO 10938, ISO 8596
- Free software upgrade, forever
- 2 years warranty

VISTAVISION® is a registered trademark of DMD Med Tech s.r.l.

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