



VISUSCREEN 100/500 and VISUPHOR 500 from ZEISS

Easy subjective refraction with
acuity charts and digital phoropter



Confidently finding the best correction



ZEISS modern vision testing at its best

Skillful determination of best-corrected visual acuity can be time-consuming, requiring operator experience and various fine adjustments. It is well worth the effort when the result is perfect vision correction, a superior viewing experience and highly satisfied patients – as with the digital phoropter VISUPHOR® 500 and the acuity chart systems VISUSCREEN 100 and VISUSCREEN 500 from ZEISS. Combining comfort and convenience with speed and efficiency, they offer refraction specialists a sophisticated, modular solution.

Made to assist your expertise

Simplicity best describes the handling experience of the ZEISS subjective refraction system. Its clear, uncluttered user interface puts the control elements you need directly at the center of focus. The system is operated via touch screen, both with an optional medical grade panel PC or an iPad. Thanks to its WLAN capabilities, cables are kept to a minimum, allowing you to completely concentrate on the refraction procedure.

- Select patients from a daily worklist or simply start the refraction
- Upload presets from ZEISS autorefractors and lensmeters or access input from a patient database
- Choose from a wide range of optotypes and preconfigure your favorite test workflow

Highlights at a glance

Silent operation

Fast and smooth lens exchanges support efficient vision optimization and final prescription in real time.

Simple touch screen control

The clearly structured user interface makes working with the ZEISS VISUSCREEN/VISUPHOR very easy. With the fully integrated GUI, both the phoropter and acuity screen can be controlled as one subjective refraction unit. Even single-handedly, with the optional, medical grade panel PC or an iPad.

Smart workflow

The ZEISS VISUPHOR 500 enables preconfigured workflows. Thereby, settings for each test are optimally adjusted, fully automatically, making standard refraction tests simple and fast. Settings and workflows can also be individually configured in the freestyle mode.

Choice of acuity chart systems

The ZEISS VISUPHOR 500 digital phoropter is an accessory for the ZEISS VISUSCREEN 100/500 LCD acuity chart system. It is available either with red/green separation or with the renowned Polatest® technology from ZEISS. The acuity chart system features over 20 tests for accurately assessing monocular and binocular vision, and can also be operated as stand-alone device if you prefer to work with a trial lens set or a manual phoropter.

Headrest control

Patient contact with the headrest is continuously monitored and displayed on the screen.

Key benefits for you

- Flexible: Subjective refraction systems from ZEISS are modular and expandable to suit your needs.
- Simple: Acuity charts and phoropter allow easy, intuitive operation via touch-screen interface.
- Efficient: Preconfigured workflows let you get right to work, saving you time preparing refraction tests.
- Connected: You can upload presets from the autorefractor VISUREF® 100 and the digital lensmeter VISULENS® 500 from ZEISS; or directly connect to selected data management systems such as FORUM® from ZEISS.



