Dispensing tools & instruments

Product Catalogue 2014/2015

ZEISS

We make it visible.

Optometry in the 21st century.
Welcome to the new age of technology.

The development and evolution of technology has greatly improved our lives. From booking a ticket to online banking, technology has made everything easier, faster and more convenient. These innovations have equally impacted the field of eyecare.

Eyecare professionals are turning away from paper and embracing more and more technological innovations in their practices. The use of high technology is key for enabling easier interaction with patients, more accurate and faster measurements, as well as differentiation from competition.

From **A**nalysis to finished **Z**EISS lenses, and all the steps in-between, ZEISS dispensing tools are designed to allow opticians to spend more time on what matters the most – patients – and help in prescribing the best vision solution.

"When asked about what is most important when visiting an optician, an overwhelming 88.9% said it is very or somewhat important that the practice utilises the latest technology and equipment."

Jobson Optical Research, 2012

When it comes to better vision - the outcome is the key. At ZEISS, we understand the needs of eyecare professionals in the 21st century and offer complete business solutions to support them in delivering the ultimate vision care.

ZEISS pioneered centration systems in 1992 with the first video centration system Video Infral I, followed by Video Infral II in 1999. Today, more than 15 million patients in more than 30 countries are measured with ZEISS technology every year. And more than 10,000 instruments are now used all around the world.

Driving innovation represents the past, present and future of ZEISS

1961	**1994**	**1999**	**2004**	**2005**	**2007**	**2007**	**2009**	**2010**	**2011**
Polatest	*Polatest E*	*Video Infral II*	*Polatest E II* *i.Terminal*	*LOGON*	*i.Profiler*	*i.Polatest*	*i.Com*	*i.Profiler plus*	*i.Terminal 2*

// 1 Exam & Refraction

ZEISS i.Profiler plus

ZEISS VISUSCREEN 500

ZEISS VISUPHOR 500

// 2 Lens Fitting & Consultation

ZEISS i.Terminal 2

// 3 Productivity & Efficiency Tools

ZEISS i.Com mobile (for iPad) and i.Com server

ZEISS i.Com software (for WIN PC) and i.Com server

LOGON

All ZEISS instruments and applications are designed and interlinked for seamless integration into different practice workflows.

ZEISS offers professional instruments for exam and refraction (VISUSCREEN 500, VISUPHOR® 500 and i.Profiler® plus), allowing the order of specialised lenses with i.Scription® technology, as well as a premium instrument for lens fitting (i.Terminal® 2) which captures centration data in a fast and simple way. Productivity tools such as LOGON® (spectacle lens online ordering) and i.Com mobile / i.Com (data management system for iPad / desktop PC) enable a standardised consultation and sales process as well as the smooth flow of all measurement data, including administration and archiving. Staying abreast with emerging technologies and the most innovative instruments has considerably improved practices around the world. Discover the ZEISS product portfolio and solutions designed with the success of your business in mind.

2014 *VISUSCREEN 500*

2014 *VISUPHOR 500*

2014 *i.Com mobile*

"This [ZEISS i.Scription technology] is the standard of care necessary to have in a private practice if you are willing to be successful in the 21st century."

Dr. David Kaplan, Family Eyecare of Glendale, USA

Hand in hand with technology.
ZEISS Analysis guides you to customised ZEISS lenses.

With the ZEISS Analysis – a 21st century standard of care – patient examination becomes a technology-driven experience thanks to the integration of ZEISS dispensing instruments within the consultation process.

Learn about your patients´ eyesight in great detail, so you can ask less questions and give more answers. Ensure a comfortable frame and lens fit for optimum performance by capturing your patients´ fitting parameters in just a few clicks. Store and manage the captured patient data and place a direct order through ZEISS productivity and efficiency tools. All ZEISS measuring instruments are interlinked so you and your patients can enjoy a new standard of care at any stage of the process.

1. Anamnesis

Together with your patient, discuss their current visual condition and determine the desired performance of the new spectacles to ensure better vision.

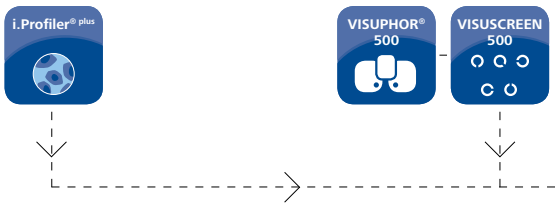
2. Objective refraction

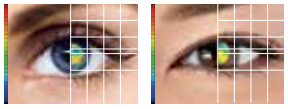
Objective refraction is fast and precise with ZEISS i.Profiler plus, which provides you with an optical "fingerprint" of your patient´s vision and opens the gate to ZEISS i.Scription technology for ZEISS customised lenses.

3. Subjective refraction

Use the data generated with ZEISS i.Profiler plus to ask fewer questions and give more answers to your patient. Perform easier visual acuity tests and learn about the interaction between both eyes using ZEISS VISUSCREEN 500 and ZEISS VISUPHOR 500.

// 1 Exam & Refraction





ZEISS lenses with ZEISS i.Scription technology because every eye is different

4. Selecting the right frame

Not only the lenses are important, but so is the frame. Together with your patient, choose the one which fits their face and lifestyle best.

5. Frame and lens fitting

Capture your patient´s individual fitting parameters using ZEISS i.Terminal 2. In just 60 seconds obtain all necessary data with a precision of 1/10 mm. This will allow you to optimise your patient´s vision and provide a fully customised lens.

6. Lens selection

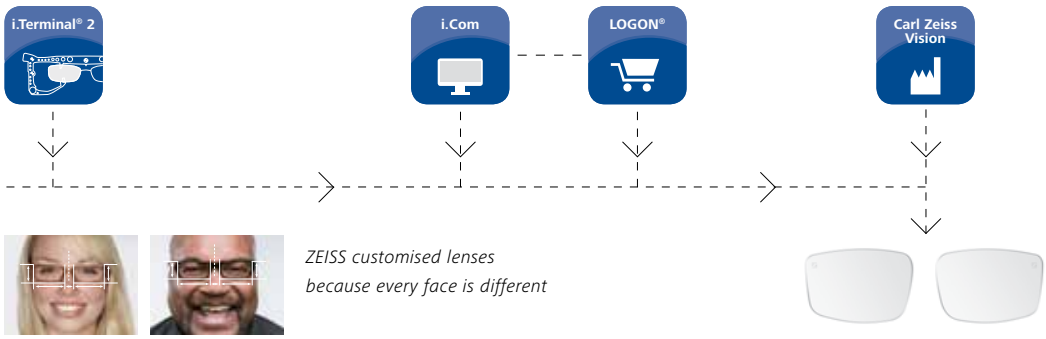
Based on the results of your patient´s tests, identify and recommend the ZEISS lens which suits their visual requirements best. Your patient data is transferred to and stored in ZEISS i.Com. Thanks to its link to ZEISS LOGON ordering system and common PMS, placing an order becomes fast, easy and secure.

7. Deliver better vision

Your patient´s new pair of ZEISS spectacles is tailored to their specific visual requirements to ensure full satisfaction and a premium patient experience.

// 2 Lens Fitting & Consultation

// 3 Productivity & Efficiency Tools



ZEISS customised lenses
because every face is different

The moment you have less questions and more answers for your patients.
This is the moment we work for.

// i.PROFILER plus
MADE BY ZEISS

// 1 Exam & Refraction

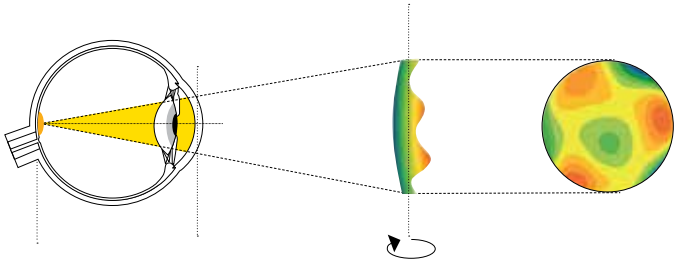
The eye is one of the most complex systems in the human body. The numerous elements within this system come together to build a whole where even the smallest imperfection leads to distortion.

Optimum visual performance derives from the best cylinder/axis/sphere combinations, which can be determined through both subjective and objective refraction. The brand new subjective refraction unit from ZEISS for modern vision testing enhances the refraction process: ZEISS VISUSCREEN 500 with Polatest technology and ZEISS VISUPHOR 500. Since the introduction of the first Polatest in 1961, ZEISS has provided different instruments for subjective refraction. With numerous advances throughout the years, ZEISS VISUSCREEN 500 with Polatest technology represents the latest ZEISS technology in refractive testing.

Both devices combined with ZEISS i.Profiler plus provide the best solution and form a complete refraction line which is interconnected by ZEISS i.Com mobile.

Objective refraction reaches a new level with ZEISS i.Profiler plus, an instrument based on innovative wavefront technology that precisely and objectively measures the vision profile of your patients – including highly dilated pupils to simulate night and twilight conditions. ZEISS i.Profiler plus with i.Scription technology is the second generation of autorefractors from ZEISS, following i.Profiler from 2007.

ZEISS instruments are designed to thoroughly examine your patients while providing them with a comfortable and technology-driven experience. The collected data will support you in providing your patient with a prescription that is as individual as their eyes, and profoundly superior in terms of visual performance.



Autorefraction with i.Profiler plus from ZEISS.

Less questions and more answers.

The correct lenses can only be prescribed when you have enough information about your patient's eyes. ZEISS i.Profiler plus can provide you with detailed visual profiles so you can have less questions and more answers for your patients.

ZEISS i.Profiler plus is the 4-in-1 compact system with ocular wavefront aberrometer, autorefractor, ATLAS corneal topographer and keratometer. The fully automated measurement procedure, with easy-to-use touch screen control, enables all measurements of both eyes in approximately 60 seconds. The eye's refractive power distribution is analyzed and represented across the entire pupil aperture. This is what distinguishes ZEISS i.Profiler plus from conventional autorefractors and what opens the gate to ZEISS lenses with i.Scription technology.

Fully automated measurement procedure

Adjustable chin and headrest for comfortable and intuitive head positioning

reddot design award
winner 2011

High-resolution Hartmann-Shack wavefront sensor. The wavefront is sampled at up to 1,500 points across 7 millimeter pupil aperture

"As a ZEISS partner with ZEISS i.Profiler plus I represent the best in the market, especially in terms of quality and innovation."

Dario Ricci, Ottica Ricci, Italy

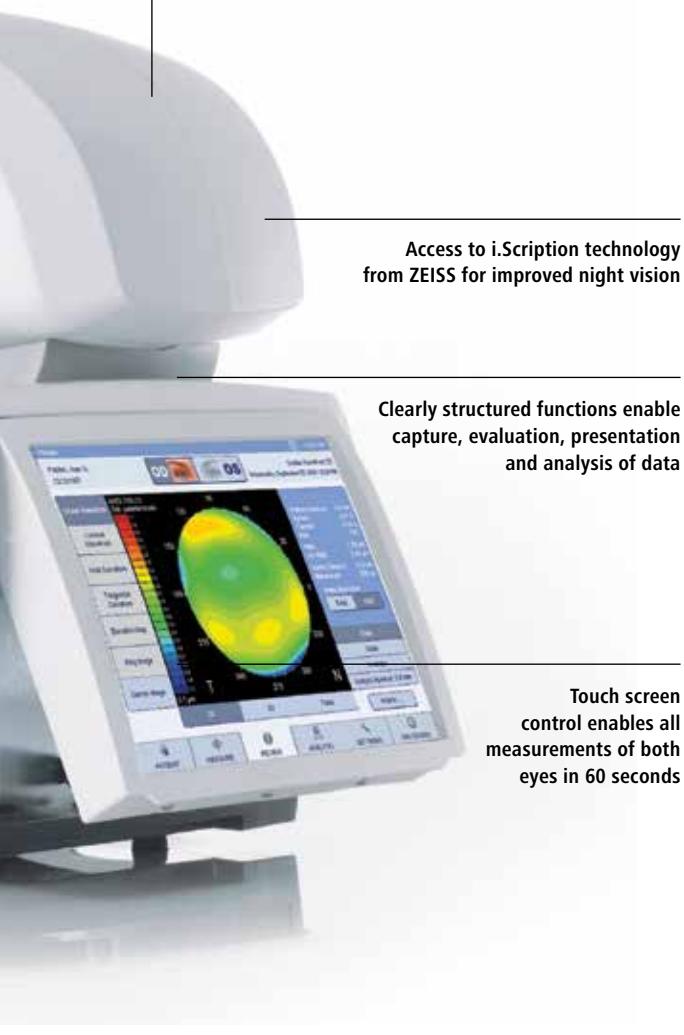
New

Remotely control ZEISS i.Profiler plus via ZEISS i.Com mobile and demonstrate the patient's i.Scription Analysis on an iPad

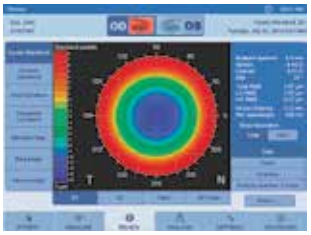
Access to i.Scription technology from ZEISS for improved night vision

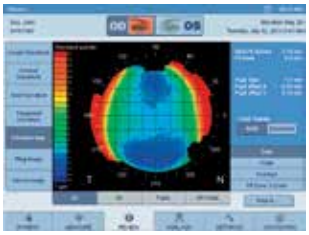
Clearly structured functions enable capture, evaluation, presentation and analysis of data

Touch screen control enables all measurements of both eyes in 60 seconds

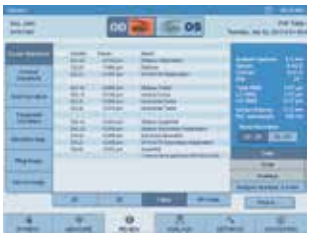


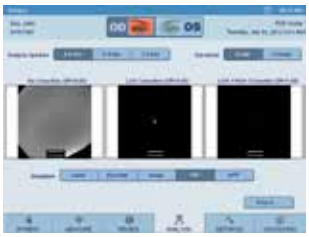
The measurement data from ZEISS i.Profiler plus is saved on the ZEISS i.Com data management system and can be used for future consultations, ordering and archiving without any need of further measurements. It interfaces with most common PMS systems for a smooth workflow guarantee. ZEISS i.Com and ZEISS i.Profiler plus are available together as a package solution. The system can be extended by ZEISS VISUSCREEN 500 and ZEISS VISUPHOR 500 (read more on page 16).





ZEISS i.Profiler plus features a high-resolution wavefront measurement and corneal topography which provide you with all data needed in order to evaluate the refractive status of your patients' eyes.





The analysis mode enables opticians to visualise the impact of different aberrations on patient´s vision, including up to 7th order Zernike aberrations. Additionally, the benefits of ZEISS i.Scription technology can be simulated through the point-spread function.

Technical data, Wavefront

Sphere	-20 to +20 D (Increments: 0.01/0.12/0.25 D)
Cylinder	0 to ± 8 D (Increments: 0.01/0.12/0.25 D)
Axis	0 to 180° (Increments: 1°)
Pupil Aperture	2.0 to 7.0 mm
No. of measuring points	≤ 1500
Method	Hartmann-Shack
Reference Wavelength	555 nm

Technical data, Corneal Topography

No. of rings	22 (18 complete rings)
No. of measuring points	3,425
Detected corneal surface at 42.125 D	Dia. 0.75 to 9.4 mm
Diopters (Radii)	25 to 65 D (13.5 to 5.2 mm)
Accuracy	± 0.05 D (± 0.01 mm)
Reproducibility	± 0.10 D (± 0.02 mm)

Physical Data

Line voltage	100-240 V AC ± 10%, 50…60 Hz
Power consumption	≤ 200 VA
Dimensions (W x H x D)	345 x 555 x 525 mm
Weight	30 kg
Interfaces	VGA, 3x USB, RS232, 2x LAN
Printer	Thermal, integrated
Display	12'' Colour Touch LCD


The moment driving at night becomes
comfortable and safe.
This is the moment we work for.
// i.SCRIPTION TECHNOLOGY
MADE BY ZEISS

ZEISS precision lenses with i.Scription technology.

Precise vision for patients.

ZEISS i.Profiler plus allows you to provide patients with a better prescription, and also gives you access to an optimised, individualised lens solution with ZEISS i.Scription technology for improved colour and contrast - as well as better night vision.

With ZEISS customised lenses with i.Scription technology, patients benefit from:

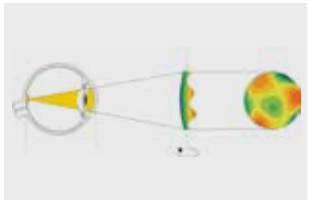
Better night/ low-light vision:
Looking directly at a light source at night, such as car headlights, results in glare and halo effects. ZEISS i.Scription technology reduces image noise.

Better visual contrast:
Seeing contrast, such as white letters on a black background, is especially challenging for the eyes. ZEISS i.Scription technology sharpens the contrast.

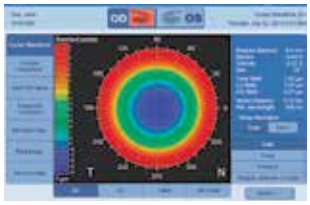
Better colour vision:
ZEISS i.Scription technology adds more brilliance to life and lets lens wearers see colours as they really are: bright and more intense.

ZEISS i.Profiler plus enables i.Scription technology through precise, automated measurement of patients' visual profile.

Using Wavefront technology
ZEISS i.Profiler plus generates a detailed visual profile of both eyes in just 60 seconds with up to 1,500 data points.



A beam of light
will enter the eye to measure how light passes through the eye to map all optical properties, including higher order abberations which are responsible for decreased vision at night and under low light conditions. This process will take place in a few seconds.



ZEISS i.Scription technology
involves an innovative, patented algorithm[1] which combines the subjective refraction values with ZEISS i.Profiler plus ocular wavefront aberrometry data to calculate an individualised prescription to 1/100th of a diopter – incorporated in a ZEISS lens with i.Scription technology.

Daytime: good vision

Nighttime: blurry vision & halo effects

Why is i.Scription technology particularly beneficial in low light conditions?
Conventional manifest refraction is performed in well illuminated rooms, leading to prescription values that work well in daylight situations. However, as the pupil enlarges in low light situations, the peripheral aberrations of the eye can lead to refractive shifts that make the conventional prescription no longer valid. ZEISS i.Scription technology is able to combine the information about peripheral aberrations provided by ZEISS i.Profiler plus together with manifest refraction, resulting in an optimized prescription to provide better day and night vision.

[1] US Patent 7,744,217. Other patents pending. Product designed and manufactured using Carl Zeiss Vision technology. ZEISS i.Profiler plus

i.Profiler plus and i.Scription technology from ZEISS.

Patient care and business benefits in the 21st century.

ZEISS i.Scription technology is easy to adapt to the overall consultation process and practice workflow. Being enabled by ZEISS i.Profiler plus, this technology can be comfortably incorporated in the refractive analysis.

ZEISS i.Profiler plus with its patented ZEISS i.Scription algorithm[4] can increase the overall sales while providing patients with a fully customised experience and vision comfort. ZEISS i.Scription technology is available for all lens categories.

1. Objective refraction

Conduct an objective refraction using ZEISS i.Profiler plus, which will provide an optical "fingerprint" of patients and will detect any aberrations in just 60 seconds.

2. Subjective refraction

The values from i.Profiler plus by ZEISS are complemented with the results from the vision exam with ZEISS VISUSCREEN 500 and ZEISS VISUPHOR 500 to fully understand the interaction between every patient´s eyes. Using the ZEISS i.Scription review software, the values can be reviewed and discussed with patients.

3. i.Scription technology

The optimised prescription data is then transferred and stored into ZEISS i.Com for direct order via PMS or ZEISS LOGON.

	Single vision stock lenses	Single vision Rx lenses[2]	Progressive lenses	Bifocal lenses	Office lenses portfolio
Available with ZEISS i.Scription technology	-	■	■	■[3]	■[3]

[2] *including loop; available with all tints, coatings, treatments, variants*
[3] *locally adapted*
[4] *US Patent 7,744,217. Other patents pending. Product designed and manufactured using Carl Zeiss Vision technology.*

"The main benefit is the patient's satisfaction and the word of mouth they generate."

Angelo Bertozzi, Ottica iVision, Italy

"The technology [ZEISS i.Scription] places our practice on the cutting-edge of vision correction. There is a significant 'WOW' factor with the i.Scription."

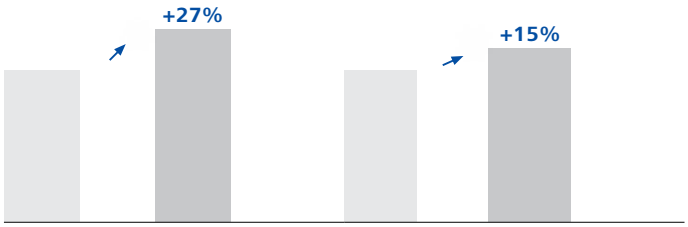
Dr. Kristen Runke, Great Falls Eyecare, USA

Business benefits

ZEISS i.Scription technology can enhance patients' vision additionally, the implementation of this technology in a practice will result in business growth. Eye care professionals have seen an average sales growth of 27% and an average lens volume growth of 15% after the launch of ZEISS i.Scription technology. Furthermore, they have enjoyed increased footfall through word-of-mouth and a greater penetration in the market.

ZEISS precision lens sales

(Average monthly values)



Value before and after ZEISS i.Scription technology launch

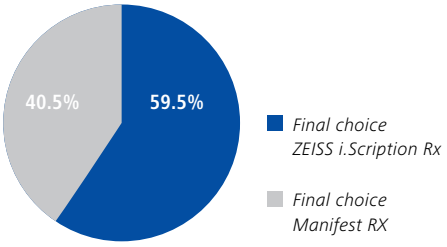
Volume before and after ZEISS i.Scription technology launch

Source: internal analysis in 2010 of the top European ZEISS i.Scription technology customers (top ten customers from Belgium, Germany, the Netherlands, Austria, Switzerland)

Unrevealed potential

A global online survey[5] with 3,800 vision corrected patients revealed the effects of halo and glare for patients. 90% said that they lacked a complete solution for these disturbances, and 88% were interested in reducing image noise. For patients seeking to reduce such vision disturbances, ZEISS lenses with i.Scription technology can be the solution. ZEISS i.Scription technology has been clinically tested and proven to deliver astounding results over a manifest prescription. **59.5% of subjects preferred the ZEISS i.Scription prescription** to the manifest prescription.

The prescription of choice



Source: ZEISS i.Scription Clinical Study by Carmel Mountain Vision Care (San Diego, USA). Published in the Review of Optometry, January 15, 2013.

[5] *Source: Bausch + Lomb Academy of Vision Care™ publication ("Vision Needs Shown to be of Highest Importance Amongst a Vision-Corrected Population"; Authors: Marjorie J. Rah, Carla J. Mack, Mohinder Merchea)*

"We´ve seen a 30% increase in our overall revenue. Specifically, 50% of our progressives are made with ZEISS i.Scription and 95% of them are ZEISS Individual."

Dr. David Kaplan, Family Eyecare of Glendale, USA

"We have increased our per patient prescription average gross from $240 to $356 in 6 months."

Dr. Brandon Cornish, Vision Source, USA

The moment your expertise and our vision testing technology exceed your patients' expectations.
This is the moment we work for.

// SUBJECTIVE REFRACTION UNIT
MADE BY ZEISS

Automated Subjective Refraction.

Provide patients with the ultimate vision testing experience.

Combine ZEISS refraction instruments to perform an exam room experience that delivers highly precise results patients can trust. The ZEISS subjective refraction unit can help create a stress-free environment and leverage lens sales at the same time.

Patients expect eyecare professionals to provide them with the best vision based on accurate refraction. However, this process demands a high level of trust and can lead to uncertainty in the prescription. Supported by advanced vision testing technology by ZEISS, the refraction process can be transformed, removing doubts and turning a stressful situation into a pleasant patient experience.

Therefore, start your subjective refraction by transferring the prescription generated by ZEISS i.Profiler plus to ZEISS VISUPHOR 500, providing smooth vision testing. Utilise the convincing benefits offered by lenses with ZEISS i.Scription technology, provided by the subjective refraction unit and guide your patient to new lenses and better vision.

3 7 4 5

9 0 2 8 6

4 5 2 8 5 1 7

7 0 3 6 8 7 1 2

0 9 2 3 7 5 3 7

VISUSCREEN 500 & VISUPHOR 500 by ZEISS.

Modern and precise ZEISS vision testing in one unit.

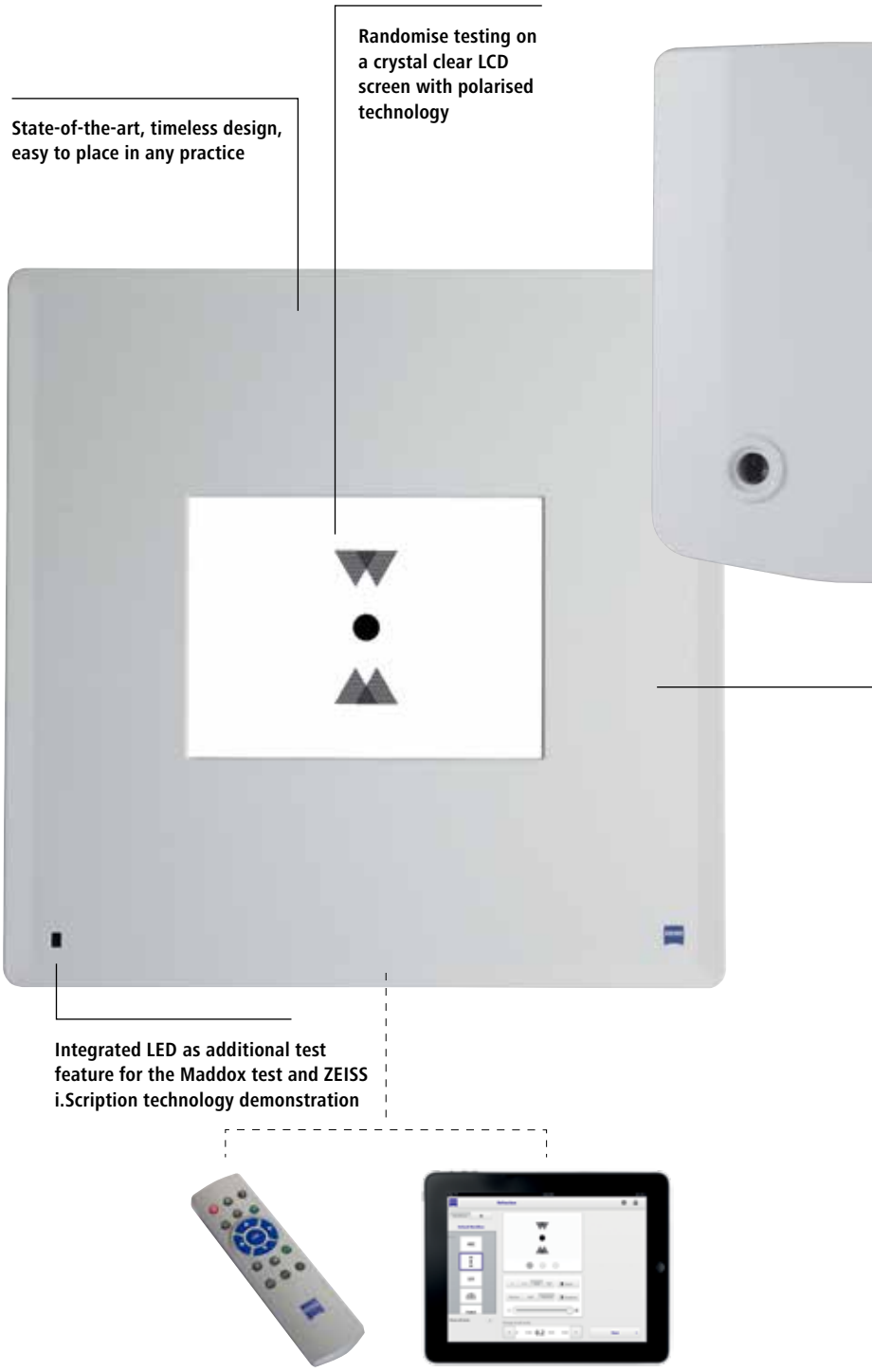
With the brand-new subjective refraction unit from ZEISS, eye examination becomes an interesting and at the same time comprehensive experience of vision improvement for patients by combining the central elements, vision testing charts and phoropter, in a smart solution.

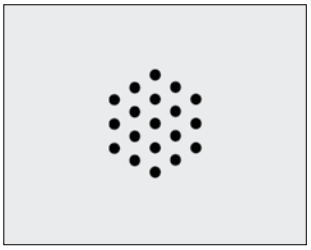
ZEISS VISUSCREEN 500 with Polatest technology comes with a variety of vision tests to perform monocular and binocular testing with different test charts, as well as special tests for children. Demonstrate the effect of the lenses with ZEISS i.Scription technology using the integrated LED. In addition, the ZEISS VISUSCREEN 500 can be operated via an intuitive iPad application for a fast and easy way to switch between test charts.

Personal workflows allow the compilation of different test chart sequences based on the individual preferences of various examiners. ZEISS VISUSCREEN 500 can be easily combined and upgraded with ZEISS VISUPHOR 500, a digital phoropter to streamline your examination workflow and create a professional impression for patients.

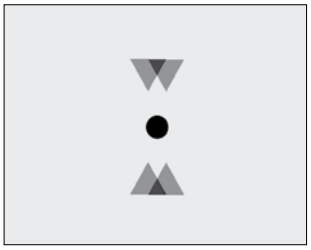
The full integration into ZEISS i.Com mobile closes the loop between devices by transmitting patient measurements from the ZEISS VISULENS 500 or ZEISS i.Profiler plus / ZEISS VISUREF 100 directly to the subjective refraction unit, providing a straightforward and quick way to initiate the manifest refraction.

VISUSCREEN 500 even fits into small exam rooms with a distance of 1 m in indirect use, and the size of optotypes adjusts automatically to the distance.





ZEISS VISUSCREEN comes with more than 20 tests for monocular & binocular vision testing and the full MKH series.



Stereo triangle test to test stereopsis

Create and edit individual workflows with a touch of your finger.

ZEISS VISUPHOR 500: The ergonomic software is optimised for workflow efficiency. Fully integrated GUI allows operation of both devices (as a subjective refraction unit) from one application.

Fast and smooth exchange of inspection lenses allows real time demonstration of final prescription and vision improvement

The Subjective Refraction Unit can be linked to ZEISS VISULENS 500, ZEISS VISUREF 100 and ZEISS i.Profiler plus for direct data transfer via ZEISS i.Com mobile

Technical data VISUSCREEN 500

Test area size (W x H)	299.5 x 223.5 mm
Testing distance	1 to 8 m
Polarisation directions for analysers	Right eye: 45° / Left eye: 135

Technical data VISUPHOR 500

Spherical lenses	-19.00 to +16.75 D (Increments: 0.12/0.25 D)
Cylinder lenses	0 to ± 8.75 D
Cylinder axis	0 to 180° (Increments: 1° steps)
PD	48 to 80 mm
Rotary prism	0 to 20 Δ
Retinoscopy	+1.5 D, +2.0 D
Pin Hole Lens	2 mm
Maddox Rod	Right eye: Red, Horizontal / Left eye: Red, Vertical
Red / Green Filter	Right eye: Red / Left eye: Green
Polarising Filter	Right eye: 135°, 45° / Left eye: 45°, 135°
Split Prism	Right eye: 6 Δ BU Left Eye: 10 Δ BI (up to 5 Δ Complement)

Physical Data	**VISUSCREEN 500**	**VISUPHOR 500**
Line voltage	100-240 V AC ± 10%, 50…60 Hz	100-120 / 200-240 V AC ± 10%, 50…60 Hz
Power consumption	50 VA	145 VA
Dimensions (W x H x D)	594 x 594 x 110 mm	361 x 280 x 108 mm
Weight	16 kg	5 kg
Interfaces	1x USB	2x RS232
System requirements	iPad 3, 4 or Air with iOS 7 or later	iPad 3, 4 or Air with iOS 7 or later

VISUREF® 100 *VISULENS® 500* *i.Profiler® plus* *i.Com mobile* *i.Com Server*

The moment you realise there is an easier way to collect measurements.
This is the moment we work for.

// i.TERMINAL 2
MADE BY ZEISS

// 2 Lens Fitting & Consultation

Achieving the best vision possible is more than just an accurate prescription. It's about individualised lens solutions and how the lenses are placed in the frame and on the patient's face.

Digital centration systems represent a valuable alternative to standard manual lens centration. The technology behind these digital tools will actively deliver the level of innovation demanded by patients today.

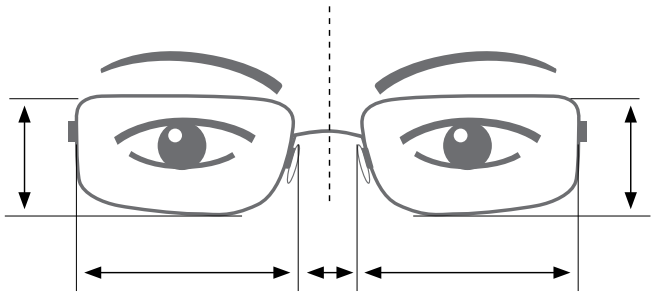
Manual measurement efficacy is dependent on the skills of the person conducting the measurement.

Since 1992, when ZEISS launched the very first digital centration, it has continued to stay ahead of the competition with successors such as ZEISS i.Terminal in 2004 which was rated the "top centration device in the market" in 2011[6].

Based on constant market feedback and the rise of advanced technology, the second and latest generation of our centration devices, ZEISS i.Terminal 2, was launched in 2011 and features new standards of technology to support eyecare professionals in providing better vision.

ZEISS i.Terminal 2 can help incorporate the latest ZEISS lens-fitting innovation within practice and ensure a personalised lens for each face, frame and prescription. It also offers additional benefits such as streamlining the workflow and growing the share of customised lenses. By employing ZEISS i.Terminal 2 within the consultation process eyecare professionals can implement a 21st century standard of care.

[6] Source: US Survey in 2011 on digital centration with 1,786 eyecare professionals.



i.Terminal 2 from ZEISS.

An easier way to collect centration data.

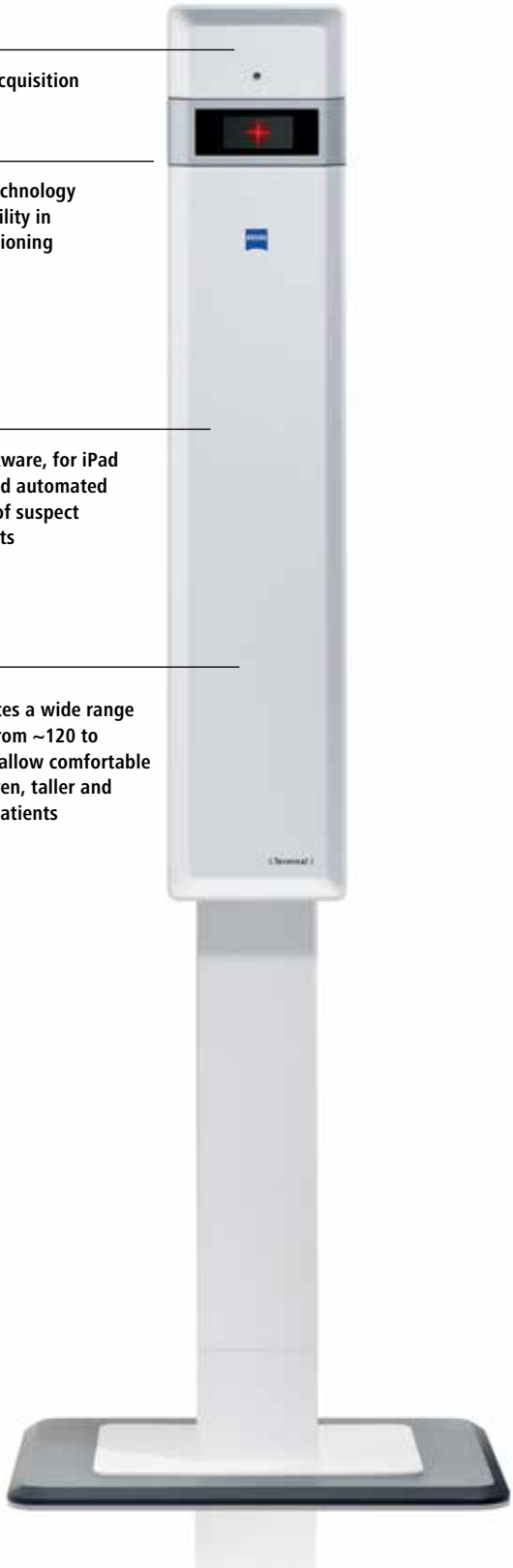
With ZEISS i.Terminal 2, the latest ZEISS centration device, fitting parameters are captured digitally for advanced lens customisation.

reddot design award
winner 2011

Lens fitting plays a key role in maximising visual comfort, as fitting errors can cause up to 40% loss of visual performance. ZEISS i.Terminal 2 captures and calculates your patient's individual parameters with the click of a button and a precision of 0.1mm, which results in a decreased complaints rate, reduced non-adapts and relaxed vision for your patients.

Enables measurement of highly ametropic patients through proprietary vergence control technology

Can be used with any type of frame including large-sized sunglasses and sports frames



Fast photo acquisition

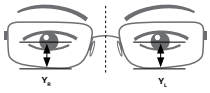
Autofocus technology allows flexibility in patient positioning

Intuitive software, for iPad operation and automated recognition of suspect measurements

Accommodates a wide range of heights, from ~120 to 208 cm that allow comfortable use on children, taller and wheelchair patients

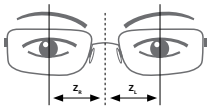
In 60 seconds, ZEISS i.Terminal 2 can capture and calculate various fitting parameters including:

- Frame data (A, B, DBL)
- Interpupillary distance (PD)
- Monocular pupillary distance (mono PD)
- Fitting height, segment height
- Back vertex distance (BVD)
- Pantoscopic angle (PA)
- Wrap angle



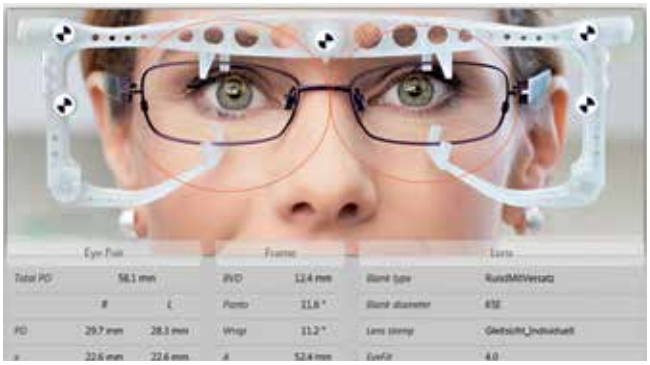
Fitting height, segment height

Back vertex distance (BVD)



Interpupillary distance

Pantoscopic angle (PA)



Reviewing the results is faster and more convenient than before. All fitting parameters are shown at a glance, and results can be printed, transferred to ZEISS i.Com as well as to third-party practice management systems for lens ordering.

Its straightforward and comfortable user interface allows easy operation directly on your PC screen or the iPad.

New

Start ZEISS i.Terminal 2 directly from the ZEISS i.Com software on a PC or via ZEISS i.Com mobile via iPad

ZEISS i.Terminal 2 is available with ZEISS i.Com mobile (for iPad) or ZEISS i.Com Software for PCs with Windows® operating system including the ZEISS i.Com box server – the control unit for easy data transfer throughout a practice.

(Screen/iPad not included)

Technical Data

Range of patient height	Approx. 120 to 208 cm (Equivalent 110 to 195 cm eye level)
Vergence control	Proprietary laser speckle target technology
Network requirements	≥ 100 Mbps

Physical Data

Line voltage	100-240 V AC ± 10%, 50…60 Hz
Power consumption	50 VA
Dimensions (W x H x D)	600 x 1250-2100 x 600 mm
Weight	47 kg
Room illumination	300 to 1000 lx
Interface	1 x LAN

i.Terminal 2 from ZEISS.

The preferred choice for business growth.

Technological progress has enabled eyecare professionals to calculate centration data in a more precise and convenient way. ZEISS i.Terminal 2 makes 21st century lens fitting possible in your practice and increases your share of customised lenses.

With the help of ZEISS i.Terminal 2, lens fitting becomes comfortable and enjoyable for patients, as lenses are offered with the latest lens designs and guaranteed relaxed vision.

1. Selecting the right frame

After selecting the right frame, mount the calibration tool and place correctly on patients' face.

2. Frame and lens fitting

Capture patients' individual fitting parameters using ZEISS i.Terminal 2. With the click of a button, one front and one side picture of your patient will be captured. After this, you can adjust the markers on the frame directly on the pictures and the system will calculate the data automatically.

3. Lens selection

Based on the results of the patients' tests, identify and recommend the ZEISS lens which suits their visual requirements best. All collected centration data can be sent easily to ZEISS manufacturing sites via ZEISS i.Com.

Beneficial facts

- Using ZEISS i.Terminal 2 is 60% faster than using manual measuring procedures
- Taking the personal measurements using ZEISS i.Terminal 2 is 84% more accurate than a manual process. ZEISS i.Terminal assisted in the "up selling" of lenses by 75%.

Patients' experience

- 95% of patients thought the process was carried out professionally
- 92% of patients want their measurements to be taken like this in the future
- 89% would recommend this personal measuring process to friends and family.

(Source: ZEISS i.Terminal 2 in-house trial conducted by an independent eyecare professional in UK in 2012)

"You cannot spend 20 minutes talking about the high-tech advantages of the products that you're selling and pull out a marking pen and dot the lens."

Dr. David Kaplan, Family Eyecare of Glendale, USA

FYidoctors. For you. For your eyes.

"We tested 8 devices, pretty much everything available in the market. This system was the winner for us, a very clear winner."

Dr. Craig Meckelborg, FYI Doctors, Canada

Preferred choice

A survey conducted in the USA in 2011 with 1,786 respondents proved that ZEISS i.Terminal is the preferred choice among existing digital centration instruments. 78% of these respondents already use ZEISS i.Terminal and are satisfied with the device.

ZEISS i.Terminal user satisfaction

Device Used	Distribution	Very Satisfied	Somewhat Satisfied
ZEISS i.Terminal	**46.4% (142)**	**41.0%**	**36.0%**
Competitor 1	32.0% (62)	20.0%	35.8%
Competitor 2	7.8% (24)	25.0%	37.5%
Competitor 3	5.2% (15)	20.0%	26.7%
Competitor 4	5.2% (16)	33.3%	33.3%

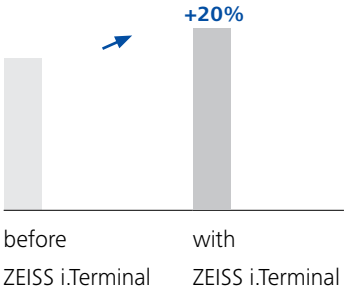
Source: US Survey in 2011 on digital centration with 1,786 eyecare professionals.

Business growth

ZEISS i.Terminal 2 has been developed as an improved successor to ZEISS i.Terminal, including advanced features such as easy-to-use touchscreen-compatible software, better picture quality and adjustable sizes.

Practices which have incorporated ZEISS i.Terminal in their consultation process have seen a 20% increase in revenue. Its high accuracy leads to patient satisfaction and confidence that exceptional lens performance really is possible.

Practice revenue with ZEISS i.Terminal



Source: data provided by an independent eyecare professional in Germany (2009).

"It grows business, and that makes money for your practice! Not only does it improves your bottom line with more profit, it also enlarges the patient base with more patient referrals!"

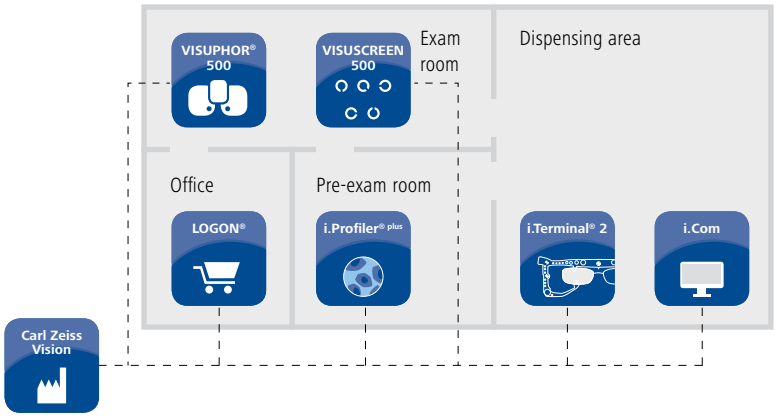
Dr. William Altig, Altig Optic, USA


The moment ZEISS technologies allow you to spend more time with your patients.
This is the moment we work for.
// i.COM MOBILE
MADE BY ZEISS

// 3 Productivity & Efficiency Tools

Over the past few decades, the introduction of innovative technologies has revolutionised the way we collect and process information. Nowadays, data can be transferred from one device to another via WiFi, making processes faster and error-free.

ZEISS, as one of the pioneers in technology, offers systems able to manage data such as patient measurements and lens ordering through ZEISS i.Com and ZEISS LOGON. These systems enable the management of the workflow in a completely paperless way, all across your practice – from refraction to purchase. With ZEISS i.Com mobile (for iPad) workflow is even more flexible and wireless throughout the whole practice; it reduces errors from manual data transfer and overtime, as this is all done automatically with a few clicks. A paperless workflow environment helps save space, reducing the need for filing cabinets and manual file searches. Service and online updates for all connected ZEISS instruments ensure optimal performance and usage. As data management is done automatically, opticians' full attention can be directed to patients. For practices handling more than 30 patients a day, productivity and efficiency tools are key.



i.Com mobile by ZEISS.

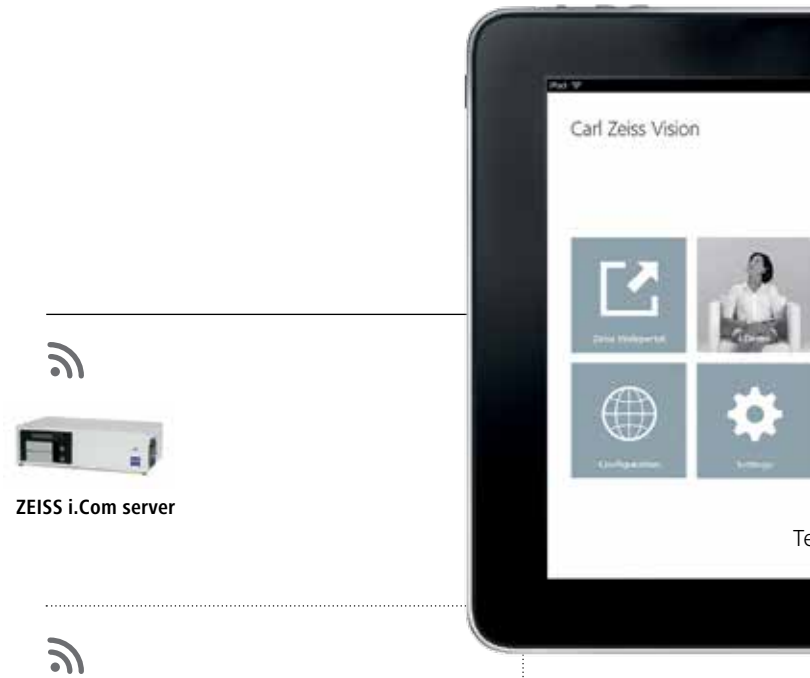
Streamline your workflow – concentrate on your patients.

Mobile communication is key to the consultation process within a modern practice. ZEISS i.Com mobile is a versatile, easy-to-use application for iPad which transforms the workflow, information processes and communication with patients. Intelligent data management enables you to concentrate more on patient needs during measurements and consultation, allowing opticians to stay one step ahead with a contemporary consultation process.

Experience an entirely new dimension of flexibility and interaction with patients. All measurements taken with ZEISS instruments can be reviewed on the iPad and are automatically stored on the ZEISS i.Com server, which provides central access to all data from different iPads. Remotely control the ZEISS i.Profiler plus, ZEISS i.Terminal 2, the new subjective refraction unit, ZEISS VISUPHOR 500 and ZEISS VISUSCREEN 500 conveniently via an iPad and WiFi.

The ZEISS i.Com mobile interface is particularly user-friendly; carrying out and controlling examinations becomes simple and clear.

ZEISS i.Com mobile supports the entire consultation process – from the examination with objective and subjective refraction to lens consultation and centration. It also helps educate your patients on the outcome of their measurements and demonstrate the benefits of ZEISS lenses.



ZEISS i.Com server

ZEISS i.Profiler plus
Operate your ZEISS i.Profiler plus via iPad. Show your patient the benefits of ZEISS i.Scription technology in ZEISS i.Com mobile.

ZEISS VISUPHOR 500
Operate ZEISS VISUPHOR 500 and ZEISS VISUSCREEN 500 via iPad. Share all refraction data with ZEISS i.Com mobile.

ZEISS VISUSCREEN 500/100

Practice benefits at a glance:

- Completely integrated package of data management, consultation and demonstration functions and modules
- Remote control of all ZEISS measuring devices via iPad
- Central data storage on the ZEISS i.Com server for multi-user capability
- Interface for data transfer from ZEISS i.Com mobile to PMS/EMR.

ZEISS i.Com mobile data management

ZEISS i.Terminal 2
Operate your ZEISS i.Terminal 2 via iPad. Load and store all centration data in ZEISS i.Com mobile.

1 //

2 //

3 //

4 //

5 //

1 // Module "Customer"
Manage all patient and consultation data, and create individual consultation folders and consultation data. For instance, folders on each purchased lens category can be created per patient.

2 // Module "Exam"
Take, save and manage all examination data: Load and edit subjective and objective refraction data. Remotely control ZEISS i.Profiler plus, ZEISS VISUSCREEN 500 & ZEISS VISUPHOR 500 to gain all data in the click of a button. A near reading chart is provided; review of wavefront, PSF and ZEISS i.Scription analysis.

3 // Module "Centration"
Remotely control ZEISS i.Terminal 2 conveniently from the iPad or use ZEISS i.Terminal mobile application for mobile centration with the iPad. Load and edit all centration data.

4 // Module "i.Demo"
i.Demo is directly embedded in ZEISS i.Com mobile for demonstrating lens features.

5 // Module "Summary"
In the summary module you find all gained data per patient for edit or direct transmission to common PMS or ZEISS LOGON.

Technical Data

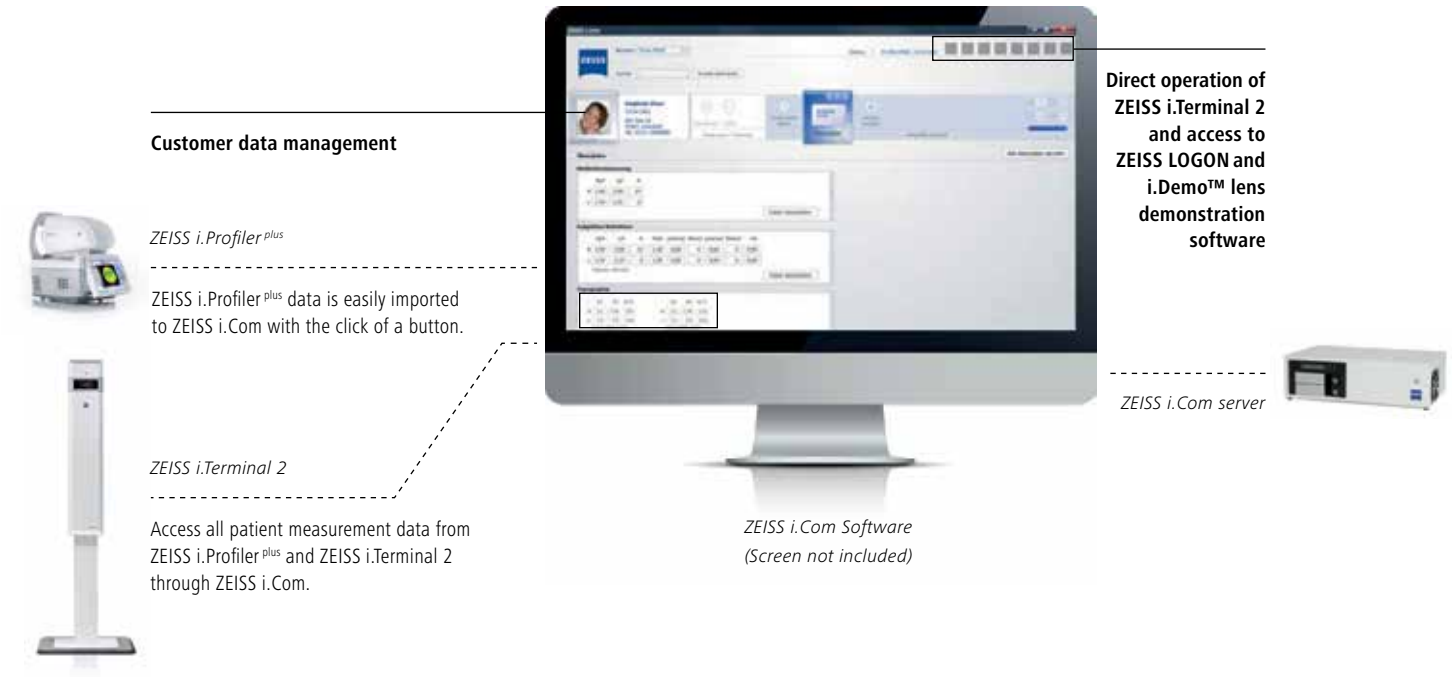
Hardware	Apple iPad generation 3 or higher
Operating system	Apple iOS 7 or higher
WiFi	Minimum 54 Mb/sec. (g-standard)
Software	iOS app 200MB

i.Com for WIN PC.

The network-capable ZEISS communication software.

ZEISS i.Com for WIN PC – 2nd generation – is the network-capable communication software for all tasks related to connectivity, measurement, consultancy and ordering.

Installed on a high-capacity server, it stores all the information collected in the sales process and ultimately forms the basis for the ordering process and the production of the spectacles. Data is available at every workstation and full connectivity between all ZEISS instruments allows to structure the workflow and upgrade your practice. Remote updates ensure a smooth performance of ZEISS i.Profiler plus and ZEISS i.Terminal 2. All data is protected by RAID system (double hard disk) with high security. ZEISS i.Com easily interfaces with most common PMS like OfficeMate and IPRO.



ZEISS i.Com is an essential partner for ZEISS i.Terminal 2 as it enables direct operation on a PC screen. ZEISS i.Profiler plus and ZEISS i.Com facilitates practice workflow as data can be easily imported for quick ZEISS i.Scription lens ordering.

Physical Data, i.Com for WIN PC

Line voltage	100-240 V AC ± 10%, 50…60 Hz
Power consumption	70 VA
Dimensions (W x H x D)	370 x 220 x 110 mm
Weight	7 kg
Network requirements	≥ 100 Mbps
Interfaces	1 x LAN, 4 x USB

LOGON from ZEISS.

The web-based ZEISS online ordering system.

After collecting valuable prescription data and measuring values, smooth transfer of information to the lens manufacturer is key. ZEISS LOGON is a simple and reliable online ordering application for ZEISS lenses.

ZEISS LOGON optimally bundles your spectacle lens sales process. The integration of a large amount of data validation and control within the system makes the consulting and ordering process simpler, faster and more efficient.

All data is secure and collected in ZEISS i.Com for automatic transfer to ZEISS LOGON for ordering purposes.

Fast and safe ordering of lenses, including edged lenses through support of standard tracers

Maximum reliability thanks to online calculation of edge and centre thickness

Online tracking of order status

Visual demonstration provides improved information

Latest ZEISS lens catalogue allows a quick & easy lens selection to match patient needs

System requirements	
Connectivity	Broadband internet connection Compatible with Internet Explorer®, Firefox®, Google Chrome™
Operating system	Windows® XP or later and latest version of Java plug-in

ZEISS business solutions.
As effective as our products.

ZEISS is on a continuous mission to provide optimum solutions to meet dispensers' needs and offers the highest possible benefits for practitioners and their patients. Our aim is to support you and help grow your practice.

Investing in technology

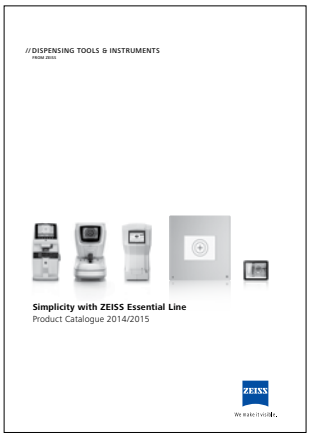
Advanced measuring technology is a long-term investment. ZEISS, as one of the technological leaders in the field of optics, provides precision through premium devices, as well as services and features to enable business success and patient satisfaction.

ZEISS products can be combined in different setups to serve different needs. For routine diagnostic devices please ask for the Essential Line Catalogue.

More advantages

By joining the ZEISS partner programmes even more benefits become available, along with the chance to take advantage of the power of the ZEISS brand. Also, different business programmes, enablers and marketing materials for your practice are available that can facilitate growth and up-selling for your practice.

Contact your ZEISS Account Managers for more information and an individual offer to find out how ZEISS instruments & tools can drive your business forward.



Essential Line from ZEISS

"ZEISS has demonstrated over and over again that they are a strong and reliable partner for independent practitioners."

Dr. David Kaplan, Family Eyecare of Glendale, USA


The moment you realise you can offer patients
the ultimate visual experience.
This is the moment we work for.
// DISPENSING TOOLS & INSTRUMENTS
MADE BY ZEISS

Get more information

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