



## ZEISS Precision lenses with i.Scription<sup>®</sup> Technology

The outcome is the key

> [i.Profiler<sup>®plus</sup>](#) does not only provide you a better prescription, it gives you access to an optimised individualised lens solution with i.Scription technology for improved colour and contrast vision as well as improved night vision. i.Scription involves an innovative patented algorithm which combines the subjective refraction values with the i.Profiler plus ocular wavefront aberrometry data to calculate an individualised prescription to 1/100th of a dioptre - especially for lower light situations.

## With customised i.Scription® lenses, your 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. 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. i.Scription technology sharpens contrast.

### Better colour vision:



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

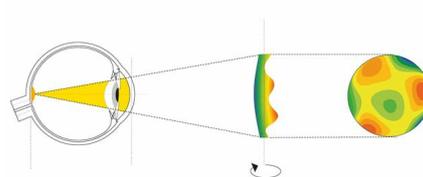
## i.Profiler plus enables i.Scription technology through precise, automated measurement of your patient's visual profile.

### Using Wavefront technology



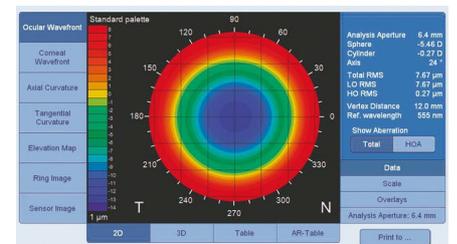
the i.Profiler<sup>plus</sup> generates a detailed visual profile of both eyes in just 60 seconds.

### A harmless beam of light



enters the eye to measure how light passes through it to map higher order aberrations with up to 1500 sample points, which are responsible for decreased performance in night vision. This process will take place in a few seconds while your patient is focusing on the image of the hot air balloon presented by the i.Profiler<sup>plus</sup>.

### i.Scription technology

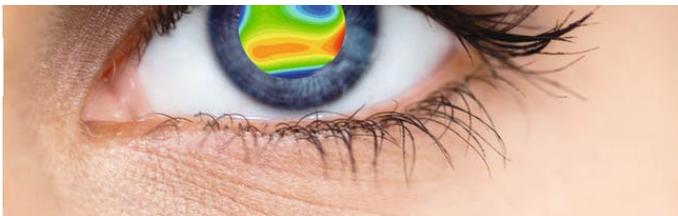


involves an innovative, patented algorithm which combines the subjective refraction values with the i.Profiler<sup>plus</sup> ocular wavefront aberrometry data to calculate an individualised prescription to 1/100th of a dioptre – incorporated in a ZEISS lens with i.Scription technology.

## 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 expands in low light situations, the peripheral aberrations of the eye can lead to refractive shifts that make the conventional prescription no longer valid. i.Scription® technology is able



to combine the information about peripheral aberrations provided by i.Profiler<sup>® plus</sup> together with manifest refraction, resulting in an optimised prescription to provide better day and night vision.

Nighttime: blurry vision & halo effects



## Related Products



### Spectacle Lenses by ZEISS

The ZEISS lens product portfolio offers a variety of different product solutions

[Learn more](#)



### Autorefraction with the i.Profiler plus

Fewer questions and more answers

[Learn more](#)

ZEISS is one of the world's leading manufacturers of spectacle lenses, and is committed to delivering maximum precision and comfort. ZEISS designs and produces lenses, instruments and measurement systems, as well as retail concepts and technology services that continue to raise the bar in vision care.

### Contact us to Get Started

ZEISS Customer Service

[+44 \(0\)121 356 5595](#)

[Email](#)



<sup>1</sup> US Patent 7,744,217. Other patents pending. Product designed and manufactured using Carl Zeiss Vision technology. i.Profiler® plus US Patent 7,744,217. Other patents pending. Product designed and manufactured using Carl Zeiss Vision technology.



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#### Explore

Understanding Vision  
Health + Prevention  
Lifestyle + Fashion  
Driving + Mobility  
Sports + Leisure  
Work Life

#### Help me choose

Distance + Reading Glasses  
Varifocal Lenses  
Sunglasses  
Working Glasses  
Sports Glasses  
Glasses for Children  
Lens Coatings  
Contact Lenses  
Lens Cleaning  
At the Optician

#### Services

My Vision Profile  
Online Vision Check

#### For Eye Care Professionals

Instruments + Technologies  
ZEISS Spectacle Lenses  
ZEISS Cleaning Solutions