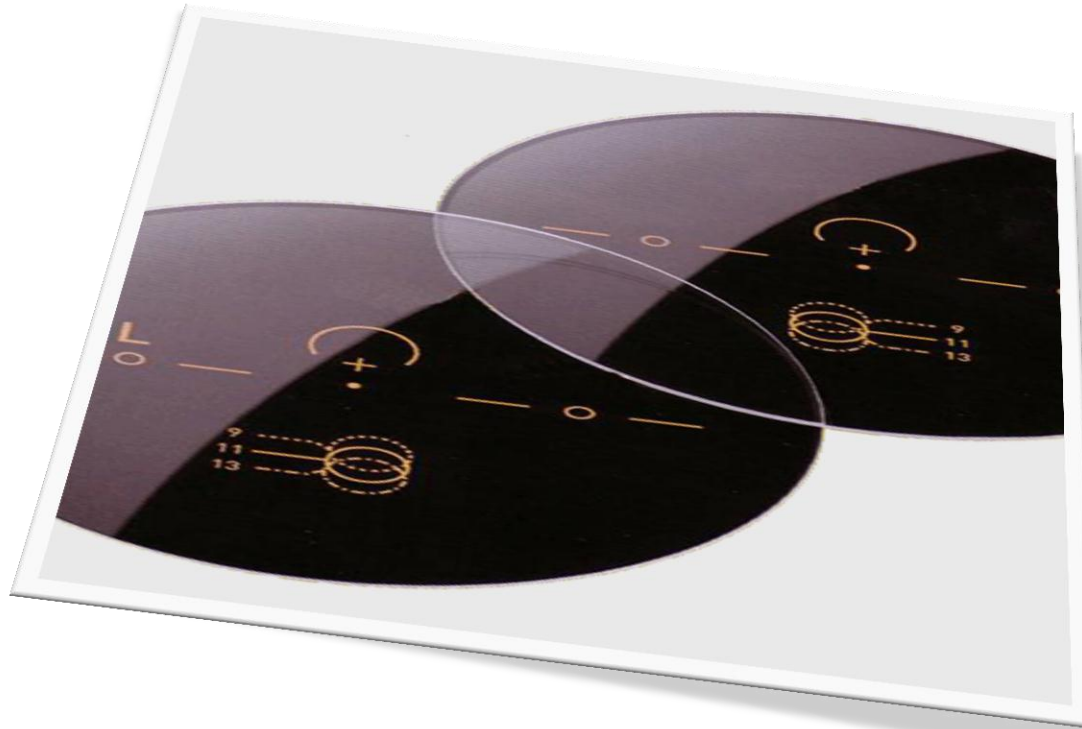


# INNOVATIVE<sup>®</sup> FREE FORM

## Performance Overview



## A) Mono-Individual-single vision Digital lenses

These products are consequent derivatives of free form technology.

The combination of the most modern software and materials enables us to produce all prescription lenses in a much higher quality.

- n= 1,50 - CR 39
- n= 1,56 - Hi-Vex
- n= 1,59 - Polycarbonate
- n= 1,60 - MR 8
- n= 1,67 - MR 10
- n= 1,74 -

The lenses can optionally be produced in photochromic or polarized:

- a.) Transition® (1.50, 1.60, 1.67, polycarbonate)
- b.) Photochromic (1.56)
- c.) Polarized (1.50, 1.56, Polycarbonate, 1.60)

## B) Progressive lenses

This product line is broadly based. Many different versions are available. Each version has different operating ranges, and price points.

The lenses are available in the following indexes / materials:

- n= 1,50 - CR 39
- n= 1,56 - Hi-Vex
- n= 1,59 - Polycarbonate
- n= 1,60 - MR 8
- n= 1,67 - MR 10
- n= 1,74 -

The lenses can optionally be produced in photochromic or polarized:

- a.) Transition® (1.50, 1.60, 1.67, polycarbonate)
- b.) Photochromic (1.56)
- c.) Polarized (1.50, 1.56, Polycarbonate)

**GERMAN OPTIVISION TECHNOLOGIES®** This is actually one of the most efficient Software System for the calculation of freeform lenses.

By the modular assembly, it is possible to create a very wide range of products from “standard” to “high performance” lenses.

2 modules are available for the progressive lenses :

## **1) Standard Module: ( BASIC RX CUSTOMIZED LENS )**

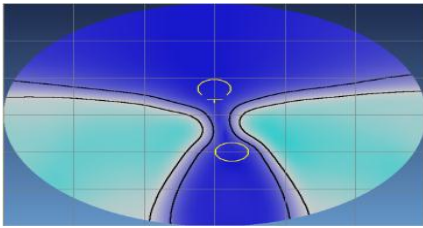
With this software, it is possible to calculate high precision “standard” freeform lenses, which are known since many years on the market as common lenses.

## **2) Premium Module:**

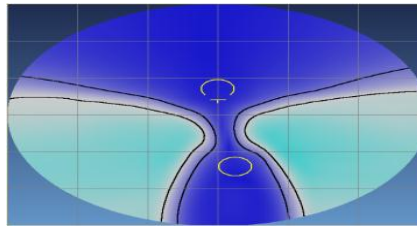
This is an upgrade to the standard module.

The improvement is a much better overall vision (near, intermediate and far) due to enhanced canal width derived from a lower cylinder value (under 0.02 dpt).

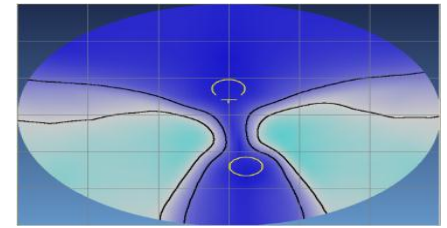
## DESIGN CONCEPTS



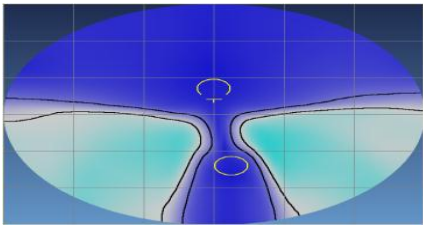
ACTIF-HD



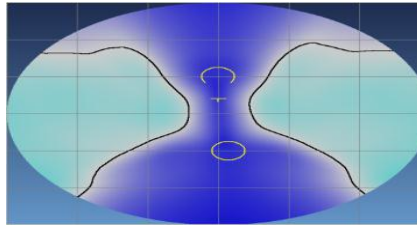
QUOTIDIEN-MD



NEAR-SD



ULTRASHORT



EXECUTIVES AT WORK



## *The Freedom to See*

Advances in manufacturing techniques in conjunction with ultra-modern computer technology make it possible to realize entirely new freedom in the manufacture of high quality lenses.

## *Lifestyle, Comfort, Weight Optimization*

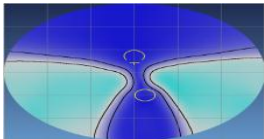
These are the basic milestones for the new INNOVATIVE FF® lenses.

Each lens is customized to give your customer the best possible visual comfort and clarity.

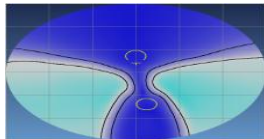
**PERSONAL CUSTOMIZED – OPTIMIZED – PRODUCT**

## The important parameters for the personalization

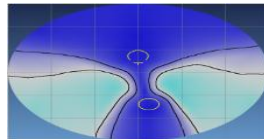
- Distance zone field of vision
- Near zone field of vision
- Thickness optimization (weight reduction)
- Fitting the field of vision to the selected frame
- Workplace-related power assignment
- Frame-related decentration in X and Y (adjustment to interpupillary distance and frame shapes)
- Special fitting needs for spectacles with a large horizontal inclination angle (sports eyewear)
- Lifestyle assignment
- Ease of wear for beginners



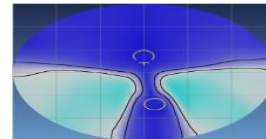
HD



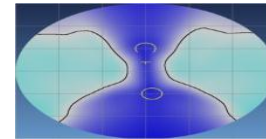
MD



SD



ULTRASHORT



EXECUTIVE

## Lifestyle assignment

### *HD*

The Design HD is for use when distance view dominates into the visual part of the lens.

### *MD*

The Design MD is optimized for the daily use and can be used universally.

### *SD*

The Design SD is created mainly for the professional in the work place. The optics are designed for typical workstations and desk top settings.



## Fitting Recommendations for Progressive Lenses

### Positioning of the glasses

1. Make sure that the patient is sitting at the same eye level as you
2. Before measuring, make sure that the glasses are sitting properly
3. Ensure that there is a pantoscopic angle of  $9^{\circ}$  -  $12^{\circ}$

### Measure the pupillary distance

1. Position yourself so that you are exactly at eye level with the patient.
2. Mark the center of the pupil on the demo lens in the frame
3. Lay the demo lenses onto table A and measure the pupillary distance

## Fitting Recommendations for Progressive Lenses

### Measure the pupillary height

1. Position yourself so that you are exactly at eye level with the patient
2. Mark the bottom edge of the pupil on the demo lenses in the spectacle frame

### Select a lens (FH min.)

1. Lay the marking cross of the demo lenses onto Table B and determine the required diameter A and the necessary fitting height FH.

To reduce the diameter of the lenses, or to reduce the weight, a decentration in X can also be determined. The uncut diameter of the lenses is thus reduced

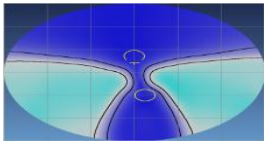
2. Check which corridor length is suitable for the selected spectacle frame.

### Parameters Needed

1. Distance Prescription
2. ADD
3. Monocular Pupil Distance, Fitting Height
4. Frame Size A-B-ED
5. Product Details

PATIENT				SALESPERSON	
Last Name:		First Name:		Ref Number:	Salesperson:
<input type="text"/>		<input type="text"/>		<input type="text"/>	None <input type="button" value="v"/>
<b>PRESCRIPTION</b> <input checked="" type="radio"/> Both Eyes <input type="radio"/> Right Only <input type="radio"/> Left Only					
	Sphere	Cylinder	Axis	Addition	Prism
<input checked="" type="checkbox"/> R.E.	-0 <input type="button" value="v"/> .00 <input type="button" value="v"/>	-0 <input type="button" value="v"/> .00 <input type="button" value="v"/>	<input type="text"/> (001-180)	+0.00 <input type="button" value="v"/>	<input type="radio"/> In <input type="radio"/> Out <input checked="" type="radio"/> None <input type="button" value="v"/> <input type="radio"/> Up <input type="radio"/> Down <input checked="" type="radio"/> None <input type="button" value="v"/>
<input type="checkbox"/> L.E.	-0 <input type="button" value="v"/> .00 <input type="button" value="v"/>	-0 <input type="button" value="v"/> .00 <input type="button" value="v"/>	<input type="text"/> (001-180)	+0.00 <input type="button" value="v"/>	<input type="radio"/> In <input type="radio"/> Out <input checked="" type="radio"/> None <input type="button" value="v"/> <input type="radio"/> Up <input type="radio"/> Down <input checked="" type="radio"/> None <input type="button" value="v"/>
<b>LENS CHARACTERISTICS</b>					
Material: ANY <input type="button" value="v"/>		Coating: ANY <input type="button" value="v"/>			
Photochromatic: None <input type="button" value="v"/>		Polarized: None <input type="button" value="v"/>			
<b>PUPILLARY DISTANCE (mm)</b>					
PD <input type="text"/>		PD <input type="text"/>	Near PD <input type="text"/>	Near PD <input type="text"/>	Height <input type="text"/>
R.E.		L.E.	R.E.	L.E.	R.E.
<b>Extra Warranty</b>					
None <input type="button" value="v"/>					
<b>OTHER SPECIFICATIONS</b>					
Engraving: (Precision Collection only) <input type="checkbox"/>		Tint: None <input type="button" value="v"/>	From: <input type="text"/> %	To: <input type="text"/> %	Color: <input type="button" value="v"/>
<b>FRAME SPECIFICATIONS</b>					
Eye A: <input type="text"/>	B: <input type="text"/>	ED: <input type="text"/>	DBL: <input type="text"/>	Temple: <input type="text"/>	Type: Select a Frame Type <input type="button" value="v"/>
Job Type: Uncut <input type="button" value="v"/>		Frame: Provide <input type="button" value="v"/>			
Supplier: <input type="text"/>		Shape Model: <input type="text"/>	Frame Model: <input type="text"/>	Color: <input type="text"/>	
Special Instructions <input type="text"/>					
<b>INTERNAL NOTE</b>					
Internal note <input type="text"/>					

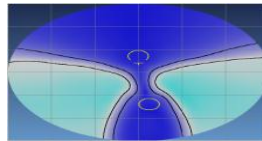
HD



Near : 34%

Far : 66%

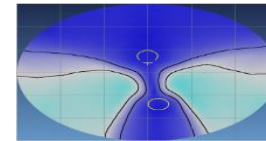
MD



Near : 50%

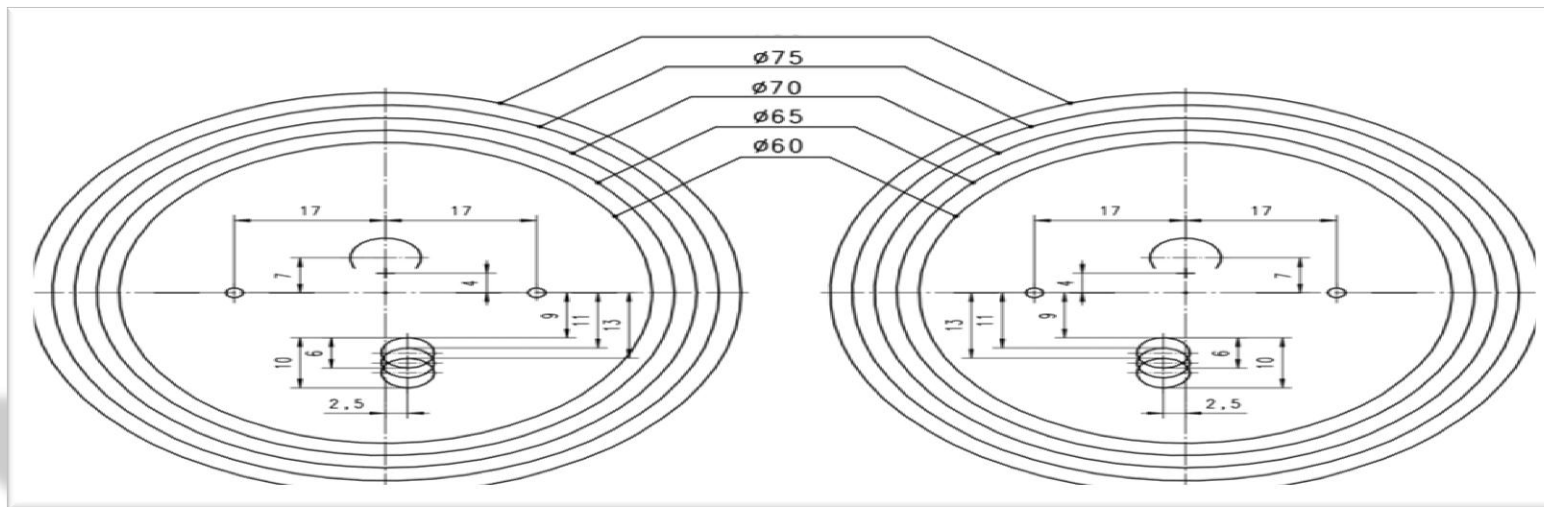
Far : 50%

SD



Near : 66%

Far : 34%



# LENSNET CLUB

