Riverside

Canada's atelier lab

Persona PRO technologies

VISUAL INNOVATION THAT TRANSFORMS HOW YOUR PATIENTS SEE THE WORLD

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At Riverside, we engineer visual breakthroughs.

PERSONA**PRO**

Our revolutionary Persona PRO technologies represent decades of optical innovation, designed to solve the most demanding visual challenges your patients bring through your door.



Canada's atelier lab



Riverside

Six technologies that revolutionize vision:

$\textbf{DigiTech} \cdot \textit{Comfort}$

- * Adapted corridor for digital devices
- † 100% of power in reading zone

OptiTech · Accuracy

- * Optimized vision for each position of wear
- * Minimized oblique astigmatism to every part of the lens

ClearTech · Panoramic vision & sharpness PATENTED

- ⁺ Using the frame shape to modify peripheral distortion
- * Moving the distortions to the area of the lens that will be edged out

BalanceTech · Stability

- * Balances the distortions on both sides of the corridor
- * Merging of lateral images for better binocular vision

ThinTech · Aesthetics (PATENTED)

- * Surfacing lenses using frame shape instead of blank edge
- ⁺ Thinner, flatter and lighter lenses. A must for hyperopes

ErgoTech · *Ergonomics*

- [†] Automatically calculates the ideal corridor length and inset
- * Solves convergence issues to assure best ergonomics
- * Overall custom made lens

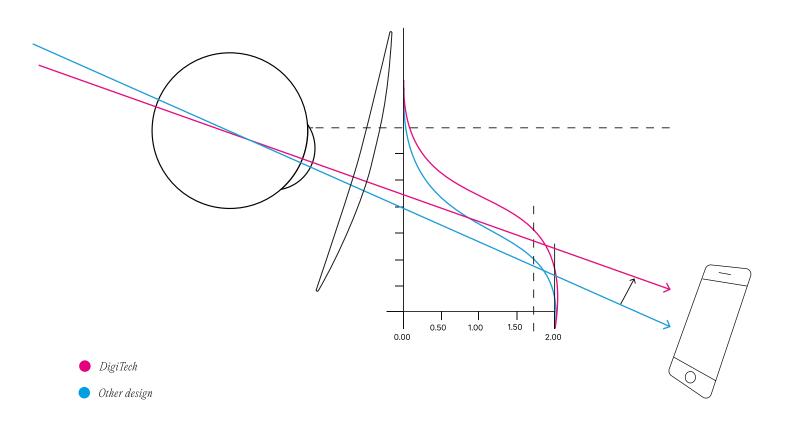
PERSONA PRO TECHNOLOGIES



DigiTech avoids awkward movements and ensures a comfortable posture for near vision.

Based on today's visual needs and user ergonomics:

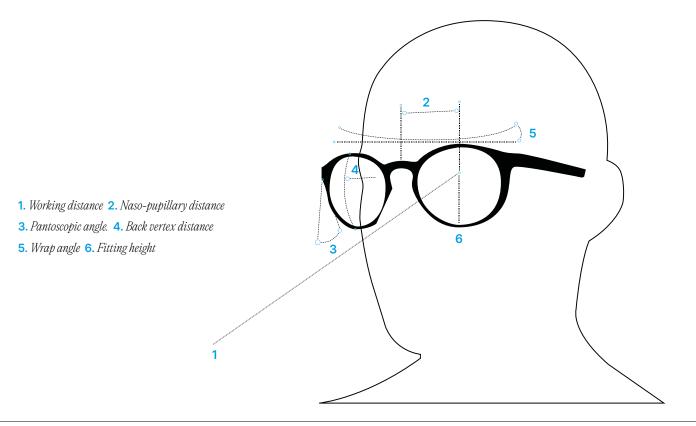
- ⁺ Greater vertical area with 100% of the addition
- ⁺ Easy transition between near and far vision
- ⁺ Comfortable vision when reading
- * Ergonomic design eliminating uncomfortable postures
- * Better adaptation
- * Comfortable position when using handheld devices





OptiTech compensates optical aberrations, correcting the difference in power between theoretical and actual Rx considering lenses in as-worn positions.

- * Ray Tracing simulates lens behavior and oblique astigmatism for each lens point
- * Natural vision with highest visual acuity
- ⁺ Greater lateral field of vision (compared to standard PAL)
- ⁺ Larger and easier reading area
- ⁺ Optimized vision for each wearing position
- * Improved optics regardless of frame or prescription



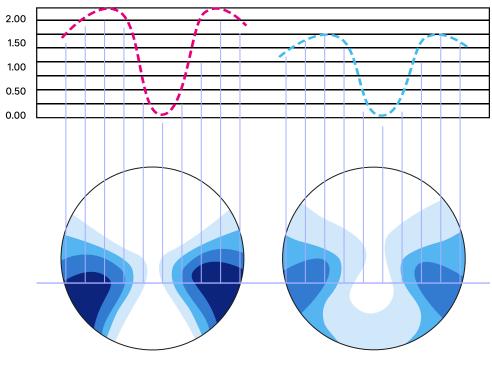
ClearTech

PUSHING THE LIMITS OF PROGRESSIVE LENS DESIGNS

PATENTED

ClearTech technology modifies and significantly reduces lens aberrations within useful areas (up to 20% less compared to standard progressive lenses).

- ⁺ Considers real frame shape and pupil position
- † Unique algorithm to clean lens area
- * Minimizes swim effects
- * Provides maximum visual acuity and comfort
- ⁺ Allows more comfortable ergonomic position



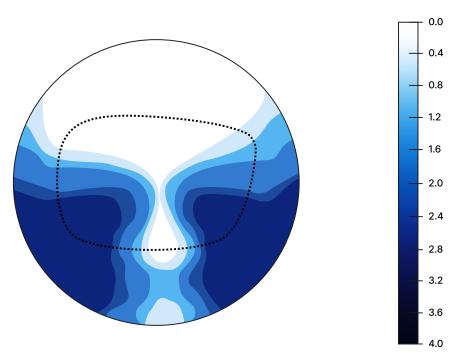
lens without ClearTech

lens with ClearTech

PERFECT STABILITY FOR BINOCULAR VISION

BalanceTech balances astigmatism on both sides of the lens corridor, addressing issues caused by horizontal offset needed for natural eye convergence.

- * Optimum binocular vision
- * Better merging of lateral images
- ⁺ Greater intermediate field perception
- * Sharper peripheral vision
- * Maximum comfort



Balance Tech

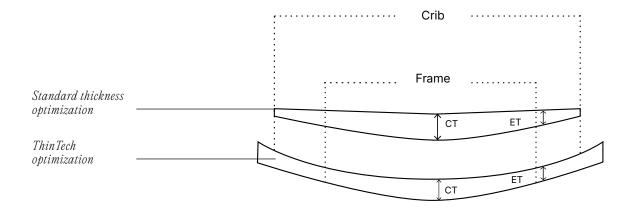
ThinTech

AESTHETICS AND LIGHTNESS TO THE MAX



ThinTech optimizes lens thickness using exclusive, patented technology.

- CRIB: Pre-calibrated lens shape adjusted precisely to actual frame shape
- Minimizes lens center and edge thickness through advanced frame data utilization
- * Guarantees minimum thickness
- Creates differentiation and "WOW" effect for both eye care professionals (ECPs) and consumers





ErgoTech

NEXT LEVEL OF PERSONALIZATION

ErgoTech solves convergence and ergonomic issues by calculating optimum lens corridor length and inset.

- * Ergotech provides the ideal corridor, which optimizes ergonomics, avoiding discomfort and ocular stress caused by corridors being too short or long.
- * ErgoTech customizes inset considering physiognomy, ergonomics, as-worn position, and power.
- * Ergotech ensures that the patient finds 100% of the addition power in the most ergonomic position.

Patient:

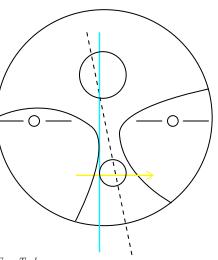
⁺ Custom-made progression profile, ergonomic design, easy adaptation, cancels ocular stress.

ECP:

⁺ Enhanced personalization, assured adaptation, higher patient satisfaction, sales growth, visual quality leadership.

LAB:

⁺ Automated personalization with no human error, minimized returns, differentiated technology.



Comparison Chart

TECHNOLOGIES INCLUDED IN EACH PERSONA PRO LENS

	DIGITECH	OPTITECH	© CLEARTECH	BALANCE TECH	THINTECH	ERGOTECH
Persona PRO Sigma	YES	YES	YES	YES	OPTIONAL	OPTIONAL
Persona PRO Ultimate	YES	YES	YES	I	OPTIONAL	_
Persona PRO Elite	YES	YES	YES	-	OPTIONAL	_
Persona PRO PHD	YES	YES	_	-	-	_
Persona PRO HD	YES	-	_	-	-	_

PERSONA PRO TECHNOLOGIES

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OUR CANADIAN BRANCHES

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