



OCULISTA

ORTHOKERATOLOGY CONTACT LENSES

About Rayzon

Founded in 2019 and headquartered in Changsha, China, Rayzon has branch offices in Germany, Hong Kong, Beijing, Shanghai, and Changsha. With business operations in over 60 countries and regions worldwide, Rayzon is an international eye health technology enterprise integrating R&D, manufacturing, marketing, and service.

Through independent R&D and strategic investment partnerships, Rayzon has gradually established a comprehensive product portfolio covering both optometry and ophthalmic surgery. Upholding the core philosophy of “Patients First,” Rayzon drives growth through professionalism and innovation, working closely with leading global medical and research institutions to continuously develop products that better meet clinical and patient needs—contributing to improved eye health worldwide.



A New Generation of Orthokeratology Lenses featuring JET Technology

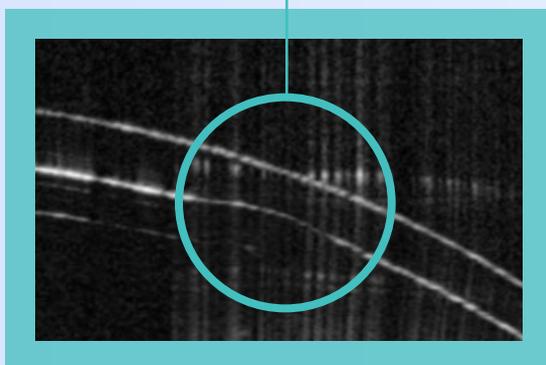
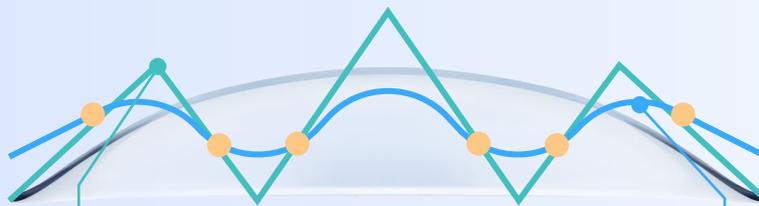
JET (Junction Elimination Technology) Eliminates transitional junctions through free-form arc design



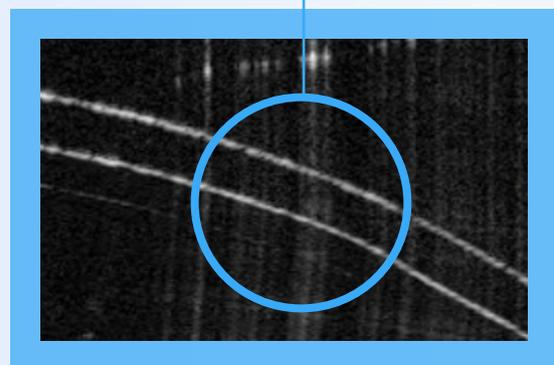
Design Concept

Eliminates junctions via a free-form arc architecture.

All zones are smoothly connected using spline curves for superior zonal continuity and enhanced lens integrity.



Zone Transitions in Conventional VST Lenses



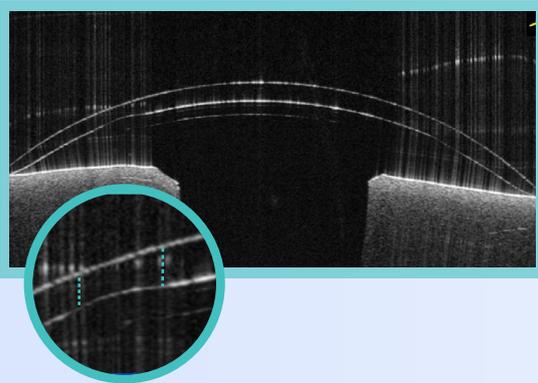
Zone Transitions in VST Lenses with JET Technology

JET technology retains the benefits of conventional VST designs while overcoming their common limitations.

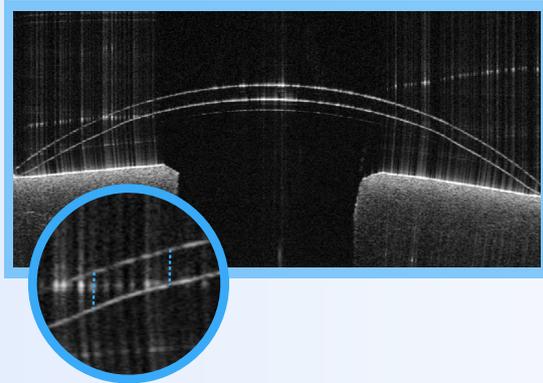
Core Advantages of JET Technology

1

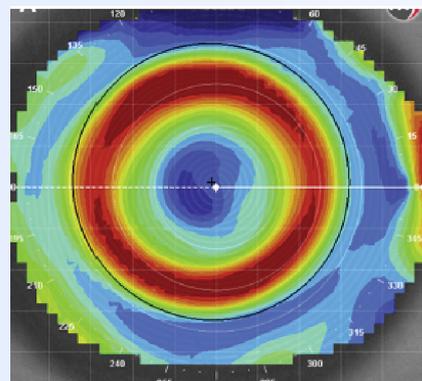
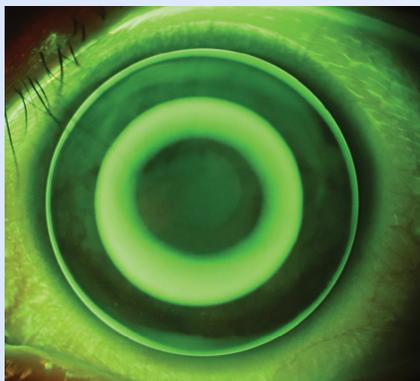
Free-form arc design combined with micro-polishing reduces point loading, enables faster and more stable corneal reshaping, and decreases the likelihood of lens awareness and discomfort.



Conventional VST lenses have junctions at zone transitions. Often require aggressive polishing, which can significantly alter parameters.

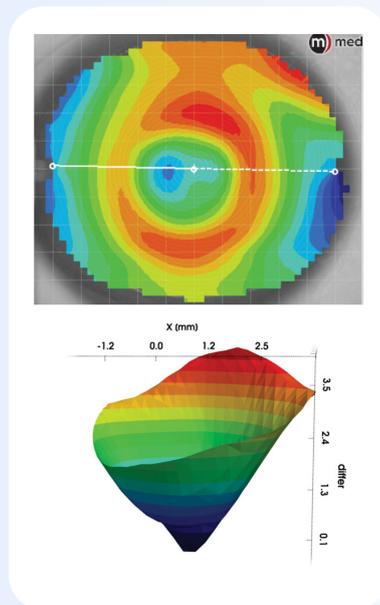
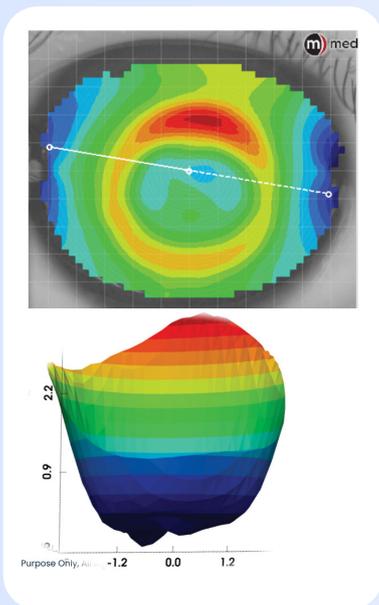
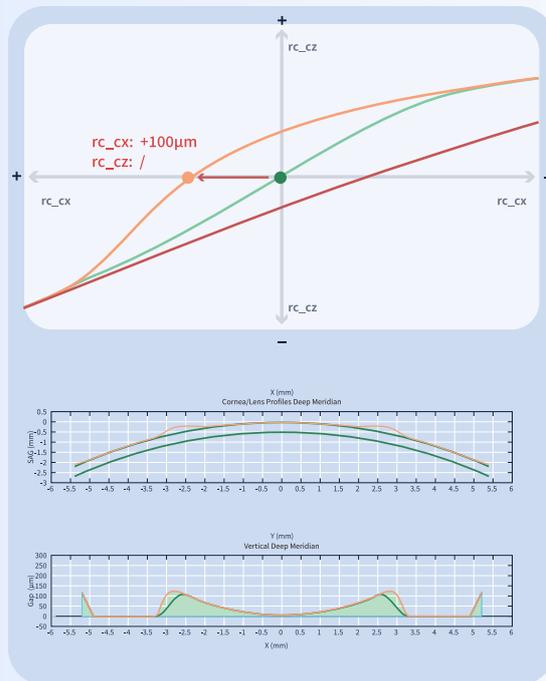
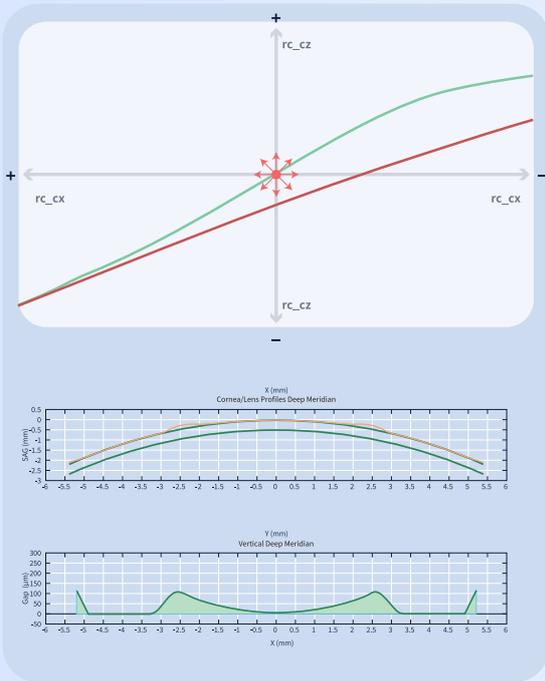


OCULISTA® lenses feature smooth zone transitions. Combined with micro-polishing, parameter changes are minimal.



Core Advantages of JET Technology 2

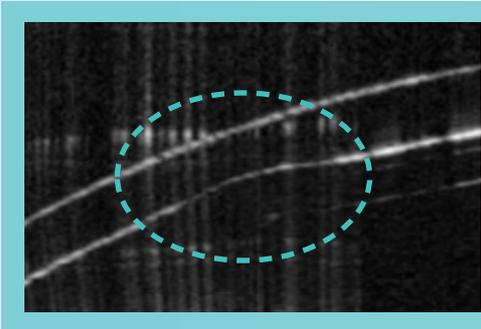
The floating Reverse Curve (RC) allows flexible adjustment without changing the lens's effective sagittal depth. Fine-tuning can be achieved by combining optical zone diameter and RC width for 3D myopia management customization, offering exceptional control in myopia management.



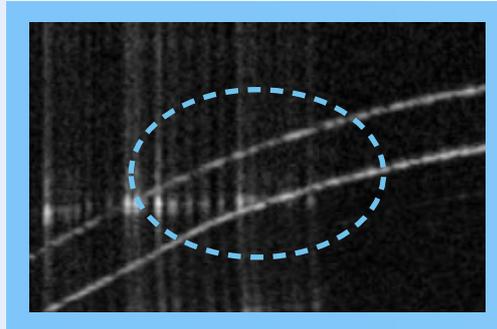
Core Advantages of JET Technology

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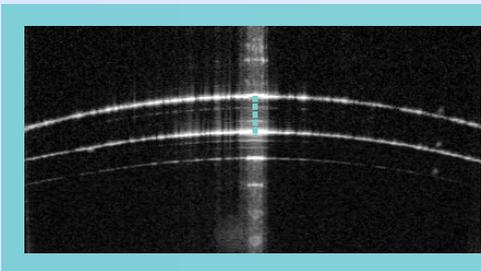
In both spherical and toric designs, dynamic following between the front and back surface ensures more consistent lens thickness and improves mechanical properties. The center thickness is approximately 15% thinner than conventional VST lenses, providing comfort, high oxygen transmissibility, and reduced risk of breakage.



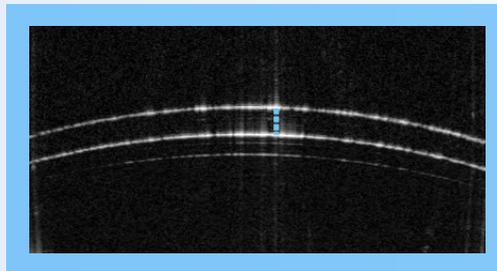
Uneven thickness at zone junctions



Relatively even thickness at zone junctions



Conventional VST Center Thickness



JET Center Thickness is 15% Thinner

Phase III clinical results showed a significantly lower lens breakage rate for OCULISTA Ortho-K lenses compared to the control group ($p < 0.05$).

JET Advantages Summary

- ✓ Free-form arcs & micro-polishing: Comfortable wear, rapid and stable reshaping.
- ✓ Floating RC allows flexible adjustment for precise myopia management.
- ✓ Dynamically balanced surfaces: Comfortable, thin, highly oxygen permeable, and fracture-resistant.



OCULISTA® Orthokeratology Lens Introduction

	Default	Range	Increment
Lens Diameter	10.6mm	9.6-12.00mm	0.1mm
Optical Zone Diameter	6.0mm	5.0~7.0mm	0.1mm
JESSEN Factor	0.75D	-2~+2.00D	0.25D
Lens FK	/	39.00~48.00D	0.25D
Toric	/	0~3.00D support customization greater than 3.00D	0.125D
AC Start	/	-2~+2.00D	0.125D
AC End	/	-2~+2.00D	0.125D
RC Width	0.6mm	0.5~1.0mm	0.1mm
Floating RC_X	/	-100µm~+100µm	10µm
Floating RC_Z	/	-50µm~+50µm	10µm
Other	Conventional Plasma Technology		
	AI-Assisted Fitting		

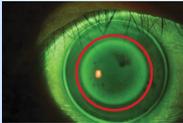
Super Plasma Technology

China's First Super Plasma Technology for Orthokeratology Lenses. The lens surface securely incorporates a high density of hydroxyl groups, unaffected by external force or dry packaging, ensuring long-lasting hydrophilic performance.

Features of Super Plasma Technology

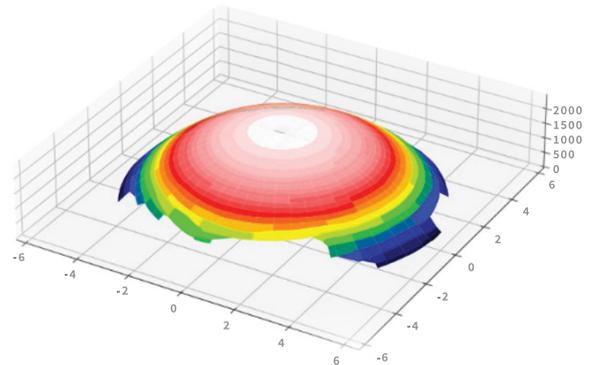
- ▶ **Enhanced Comfort:** Reduces the contact angle of XO material from 49° to 30°
- ▶ **Long-Lasting Effect:** The super plasma effect persists for approximately 12 months
- ▶ **Easy Care:** The lens is hydrophilic and lipophobic, reducing lipid deposition

Super Plasma Technology vs. Conventional Plasma Technology

Characteristic	Super Plasma Technology	Conventional Plasma Technology
Duration	Approximately 12 months	Approximately 1 week
Storage Requirements	Simple (Dry or Wet)	Complex (Wet Storage)
Resistance to Lipid Deposits	Excellent	Fair
Care Requirements	Largely unaffected by rubbing	Rubbing reduces duration of effect
Hydrophilic Groups	High density of firmly anchored hydroxyl groups	less permanently attached hydroxyl groups
Hydrophilicity	 <p>One month post Super Plasma treatment: Tear film remains stable</p>	 <p>One month post conventional plasma treatment: Tear film stability is reduced</p>
Soil Resistance	 <p>One month post Super Plasma treatment: Resists lipid deposits</p>	 <p>One month post conventional plasma treatment: Prone to lipid deposits</p>



- Enables trial-lens-free fitting to improve fitting efficiency.
- Rapid, precise fitting with true-to-life simulated fluorescein patterns—What You See Is What You Get.
- Eliminates risk of cross-contamination.



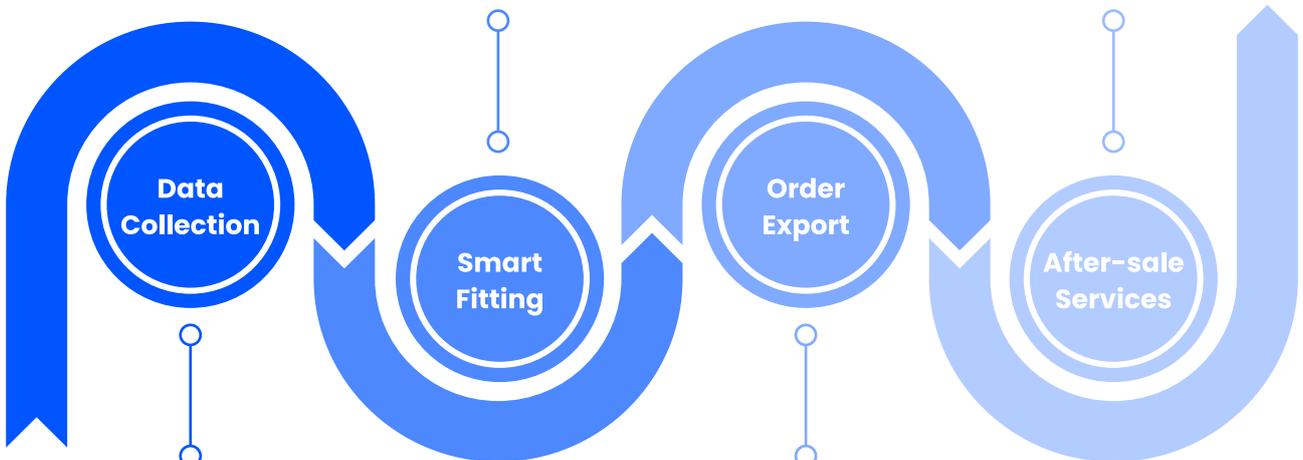
Smart Calculation

Parameters recommendation for each lens arc zone.

Smart Simulation

Fluorescein pattern simulation
Tear layer profile simulation

Hassle-free prescription exchange service provided.



Automatically collects all necessary fitting parameters from corneal topographer.

One-click export of final lens ordering parameters. Streamlined ordering process.

OCULISTA® Orthokeratology Trial Lens Set

OCULISTA® Standard Trial Lens Set (10.6mm)

Type	Label Color	Toric Power	Lens FK	Reduction	Diameter	Quantity
Regular Lens		/	39.50~46.00D (0.25D)	-3.00D	10.6mm	27 pieces
Toric Lens		1.5D	39.50~46.00D (0.25D)		10.6mm	27 pieces

OCULISTA® Standard Trial Lens Set (10.2mm)

Type	Label Color	Toric Power	Lens FK	Reduction	Diameter	Quantity
Regular Lens		/	39.50~46.00D (0.25D)	-3.00D	10.2mm	27 pieces
Toric Lens		1.5D	39.50~46.00D (0.25D)		10.2mm	27 pieces

OCULISTA® Standard Trial Lens Set (11.0mm)

Type	Label Color	Toric Power	Lens FK	Reduction	Diameter	Quantity
Regular Lens		/	39.50~46.00D (0.25D)	-3.00D	11.0mm	27 pieces
Toric Lens		1.5D	39.50~46.00D (0.25D)		11.0mm	27 pieces

OCULISTA® Lite version Trial Lens Set (10.6mm)

Type	Label Color	Toric Power	Lens FK	Reduction	Diameter	Quantity
Regular Lens		/	40.50~46.00D	-3.00D	10.6mm	16 pieces
Toric Lens		1.5D	40.50~46.00D		10.6mm	16 pieces

OCULISTA® Orthokeratology Contact Lens Specifications

OCULISTA® Orthokeratology Lens Data Sheet	
Reduction	- 0.50~-4.00D (0.25D)
Lens Diameter	10.6mm (9.6~12.00mm)
Toric	0~3.00D (0.125D)
Lens FK	39.00~48.00D (0.25D)
JESSEN Factor	0.75D (-2.00~+2.00D)
AC Start	-2~+2.00D (0.125D)
AC End	-2~+2.00D (0.125D)
Optical Zone Diameter	6.0mm (5.0~7.0mm)
RC Width	0.6mm (0.5~1.0mm)
Floating RC X	0µm~+50µm
Floating RC 2	0µm~+30µm
Center Thickness	0.20mm
Surface Treatment	Super Plasma Treatment

Material: Bausch + Lomb XO, DK = 100

Surface Hydrophilicity: Contact Angle ~ 30°

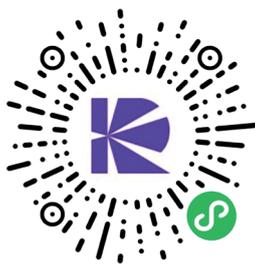
Tint: Blue - Left, Green - Right

OCULISTA

ORTHOKERATOLOGY CONTACT LENSES



Rayzon REDNOTE
Official Account



Rayzon WeChat
Mini Program



Rayzon Zhihu
Official Account

Manufacturer: Hunan Lang Xing Medical Technology Co., Ltd

Registration Certificate No.: NMPA 20243160839

Medical Device Manufacturing Permit No.: Hunan Pharmaceutical Equipment Production License 20240054

Agent/After-Sales Service Provider: Shanghai Rayzon Medical Technology Co., Ltd

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