PhysIOL | MICRO+ 123

Monofocal
Hydrophilic
Preloaded

Technical Specifications

Commercial name	MICRO+ A 123	MICRO+ AY 123	
Material	26% hydrophilic acrylic		
Overall diameter	10.75 mm		
Optic diameter	6.15 mm		
Optic	Biconvex aspheric aberration-correcting (-0.11µ SA)		
Filtration	UV	UV & blue light	
Refractive index	1.46		
Abbe number	58		
Angulation	5°		
Injection system	PhysIOL 1.2.3		
Incision size	≥ 2.2 mm		
Spherical power	0D to 9D (1D steps) & 10D to 30D (0.5D steps)		
Square edge	360°		
Nominal manufacturer A constant	118.90		
Suggested A constant[1]		Interferometry	Ultrasound
	Hoffer Q: pACD	5.52	5.26
	Holladay 1: Sf	1.74	1.48
	Barrett: LF	1.83	-
	SRK/T: A	118.90	118.59
	Haigis[2]: a0; a1; a2	1.36; 0.4; 0.1	1.04; 0.4; 0.1

Extreme diopters available non-preloaded with Medicel Accuject 1.8 / 2.0 / 2.1 / 2.2 injection systems

Commercial name	MICRO+ A	MICRO+ AY
Spherical power	-10D to -1D & 31D to 35D (1D steps)	31D to 35D (1D steps)

[1] Estimates only: surgeons are recommended to use their own values based upon their personal experience. Refer to our website for updates.
[2] Not optimized.

Contact Information:
www.bvimedical.com/customer-support/

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Product Information

Manufacturer	PhysIOL s.a. - Liège Science Park Allée des Noisetiers 4 B-4031 Belgium +32 4 361 05 49 physiol@bvimedical.com
Certificate information	CE: Certificate N° CE658516 ISO 13485:2016: Certificate n° MD658518 MDSAP: Certificate N° MDSAP 691544 ISO 9001:2015: Certificate N° FM 658519
Shelf life	Three (3) years from manufacturing date for MICRO+ AY 123 Three (5) years from manufacturing date for MICRO+ AY Three (3) years from manufacturing date for MICRO+ A 123 Three (5) years from manufacturing date for MICRO+ A
Intended Use	Intended use (for all IOLs): The posterior chamber intraocular lens which is intended to be placed into the capsular bag for the replacement of the human lens to achieve the visual correction of aphakia in adult patients in whom the cataractous lens has been removed by extracapsular cataract extraction.
Indication for use	The lens should be used as intended in adult patients surgically treated for cataract, with possibly associated presbyopia, who desire improved uncorrected far vision, with reduced spectacle dependence.
Product Composition	No products of animal or human origin are present in the implant. The implant is made of the HELIOFLEX material, composed of an acrylate copolymer Hydroxyethyl methacrylate (HEMA) and Methyl methacrylate (MMA), including a UV and blue light filter
For sterile product	All IOLs from PhysIOL are steam sterilized
Packaging Material	Holder (Polypropylene) Container (Polypropylene) Storage liquid (0.9% NaCl solution) Aluminium lid (Aluminium Gold) Container label (paper) Blister PP (Polypropylene) Tyvek lid
Product Class	MDD Class IIb Sterile, According to European Medical Device Directive 93/42/EEC Not available in the United States

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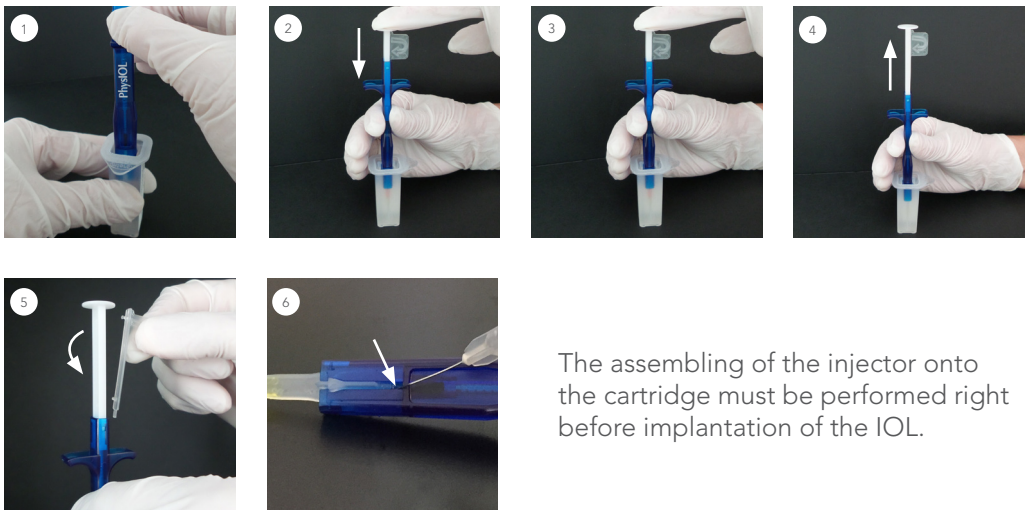
Single-Use Injector 1.2.3. Premium

For 2.2 mm wound-assisted mini-incisions

The MICRO+ 123 lenses are delivered preloaded in a mini-incision cartridge, which is simply clipped to the single-use injector 1.2.3. The 1.2.3 preloaded injection system requires no lens handling which ensures perfect control of asepsis and makes lens injection comfortable and reproducible.



The assembling of the injector onto the cartridge must be performed right before implantation of the IOL.

Injection Guidelines

1. Connect the injector vertically onto the preloaded cartridge until you hear the “clip“.
2. Push the plunger completely down towards the safety catch and...
3. ...keep the plunger in this position for 3 seconds. This ensures the lens is securely loaded in the cartridge.
4. Gently release the plunger.
5. Remove the safety catch by a twist motion.
6. Rinse the IOL with Balanced Salt Solution (BSS) by introducing the canula of the syringe into the small hole on the body of the injector.

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