

# ZEISS AT LISA tri 839MP

## ZEISS AT LISA tri toric 949M/MP

### Technical Specifications



Seeing beyond



#### AT LISA® tri 839MP (preloaded)

Optic Design	Trifocal, diffractive, +3.33 D near add and +1.66 D intermediate add at the IOL plane, aspheric (aberration correcting)	
Material	Hydrophilic acrylic (25 %) with hydrophobic surface properties	
Optic Diameter	6.0 mm	
Total Diameter	11.0 mm	
Haptic Angulation	0°	
Lens Design	Single-piece, MICS	
Incision Size Diopter Range	1.8 mm	
Company Labeled A-Constant <sup>1</sup>	118.6	
Diopter Range	0.0 to +32.0 D, 0.5 D increments	
ACD <sup>1</sup>	5.26	
Abbe number	58-60	
Refractive Index	1.46	
Implantation in	Capsular Bag	
Injector/Cartridge Set <sup>2</sup>	BLUEMIXS 180	
Indications	<ul style="list-style-type: none"> <li>■ Indicated for the visual correction of aphakia secondary to the removal of the crystalline lens in patients with cataract</li> <li>■ Also indicated for non-cataractous, presbyopic patients who seek greater independence from glasses for intermediate and/or near distances</li> </ul>	



#### AT LISA® tri toric 949M/MP (preloaded)

Optic Design	Trifocal, bitoric, diffractive, +3.33 D near add and +1.66 D intermediate add at the IOL plane, aspheric (aberration correcting)	
Material	Hydrophilic acrylic (25 %) with hydrophobic surface properties	
Optic Diameter	6.0 mm	
Total Diameter	11.0 mm	
Haptic Angulation	0°	
Lens Design	Single-piece, bitoric, MICS	
Incision Size Diopter Range	1.8 mm	
Company Labeled A-Constant <sup>1</sup>	118.8	
Diopter Range	Spherical Equivalent (SE)	-5.0 to +35.0 D, 0.5 D increments <sup>3</sup>
	Cylinder	+1.0 to +12.0 D, 0.5 D increments <sup>3</sup>
ACD <sup>1</sup>	5.39	
Abbe number	58-60	
Refractive Index	1.46	
Implantation in	Capsular Bag	
Injector/Cartridge Set <sup>2</sup>	BLUEMIXS 180 VISCOJECT-BIO 2.2	
Indications	<ul style="list-style-type: none"> <li>■ Indicated for the visual correction of aphakia secondary to the removal of the crystalline lens in patients with cataract</li> <li>■ Also indicated for non-cataractous, presbyopic patients who seek greater independence from glasses for intermediate and/or near distances</li> <li>■ ZEISS toric IOL are also indicated for the correction of regular corneal astigmatism</li> </ul>	

<sup>1</sup> For optimized A Constants and ACD Constants refer to IOLCon: [www.iolcon.org](http://www.iolcon.org).

<sup>2</sup> Please refer to our web page for the most up-to-date references: [www.zeiss.com/injectors](http://www.zeiss.com/injectors)

<sup>3</sup> The preloaded AT LISA tri toric 949MP is available in the diopter range: Spherical equivalent -5.0 to +32.0 D, cyl. +1.0 to +4.0 D.

The non-preloaded AT LISA tri toric 949M is available in the diopter ranges: Spherical equivalent -5.0 to +32.0 D, cyl. +4.5 D to +12.0 D and spherical equivalent +32.5 to +35.0 D, cyl. +1.0 to +12.0 D.



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AT LISA tri 839MP  
AT LISA tri toric 949M/MP  
BLUEMIXS 180 Injector



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VISCOJECT



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