



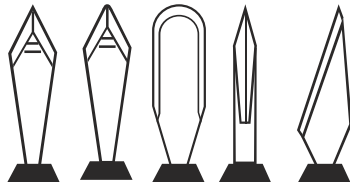
Specialization in
INTRAOCULAR
LENS

NANO VISION

Ophthalmic Solutions



Micro Surgical Instruments



Micro Surgical Blades



Surgical Drapes

EN ISO
13485:2012
CERTIFIED

ISO
9001:2008
CERTIFIED



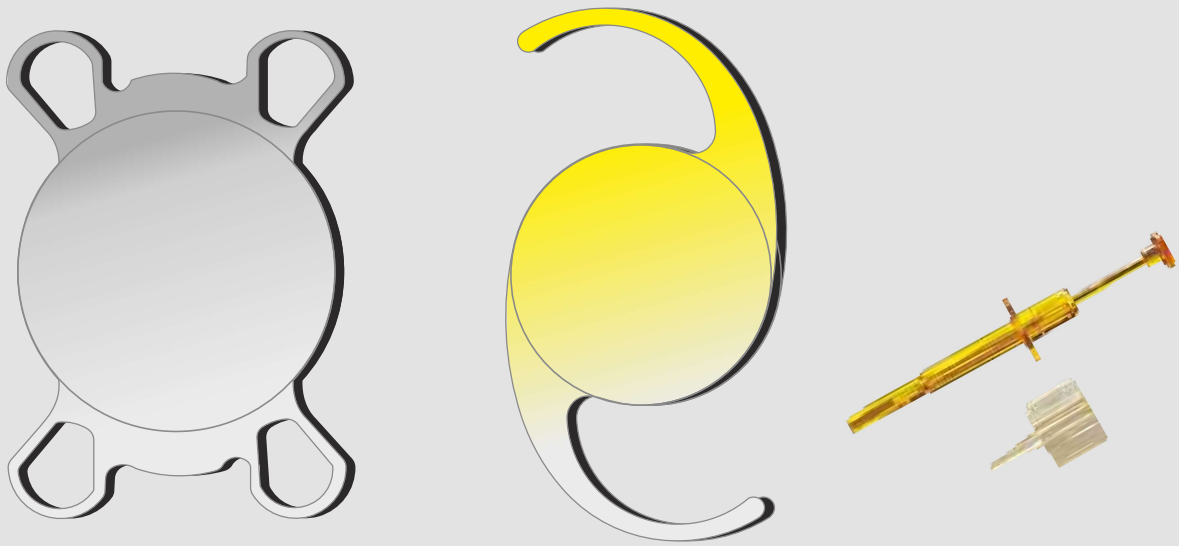


Nano Fold - Clear with / without 360° Square Edge

Hydrophilic Foldable Intraocular Lens

TECHNICAL SPECIFICATIONS

DESIGNATION		TECHNICAL SPECIFICATIONS				FEATURES		
Lens Type		For Implantation in the capsular bag				Optic Design		
Material		poly Hydroethylmethacrylate (pHEMA)				Plano Convex	Equi Convex	
Suggested Anterior Chamber Depth (ACD)		5.0mm Ultrasound Biometry				Haptic Design		
Refractive Index		1.4600				C-Loop	Plate Loop/ Rayner Quadhaptic	
Sterilization		Steam				M-Loop		
Recommended Incision Size		≥ 2.4 mm				Optic Diameter		
A Const (Manual)		118				5.75mm	6.0mm	
A Const SRK 11		118.45				Overall Diameter		
Estimated A - Constant (SRK-T)		118.47				12.0mm	12.5mm	
Haigis α_0		0.806				11.0mm (for modified M-Loop)		
Haigis α_1		0.40				Angulation		
Haigis α_2		0.10				0°	5°	
Hoffer Q (pACD)		5.23				Diopter Range		
Holladay (SF)		1.48				From -10.0D to 40.0D		
MODELS						From -10.0D to +15.0D & +30.0D to +40.0D increments of 1.0D		
Haptic Design	Optic Haptic	Sizes	Regular	360° Square Edge	Aspheric 360° Square Edge	Yellow Aspheric 360° Square Edge	From +15.0D to +30.0D increments of 0.5D	
C-LOOP		6.0mm 12.5mm	NFC 600	NFC 600 SQ	NFC 600 AS	NFC 600 ASY	Loading Method	
RAYNER Dual Haptic		6.0mm 12.5mm	NFR 600	NFR 600 SQ	NFR 600 AS	NFR 600 ASY	Box with Injector & Cartridge	
MODIFIED 'M' Quad Haptic		6.0mm 11.0mm	NFM 604	NFM 604 SQ	NFM 604 AS	NFM 604 ASY	Box without Injector & Cartridge	



Nano Flex - Clear / Yellow with 360° Square Edge Aspheric

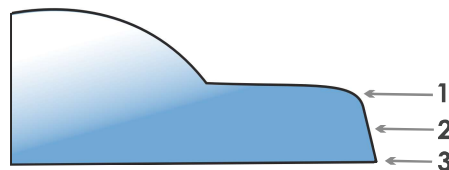
Aspheric IOL

For better contrast sensitivity, better mesopic vision Aspheric IOLs attempt to improve pseudophakic vision by controlling spherical aberrations.

Strategy 1: lenses with negative spherical aberrations to balance the normally positive corneal spherical aberrations.

Strategy 2: lenses with minimum spherical aberrations so that no additional spherical aberrations is added to the corneal spherical aberration.

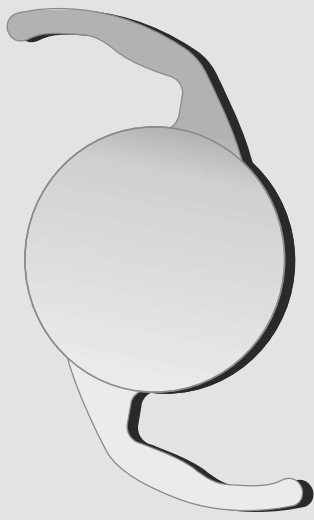
360° Square Edge IOL



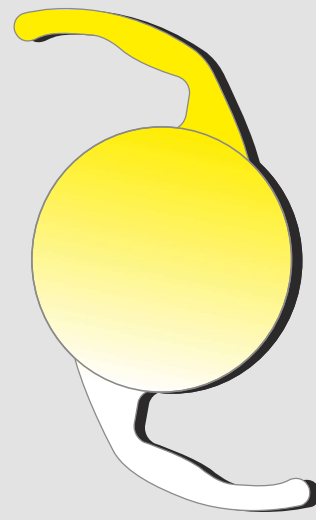
1. The Rounder Anterior Edge scatters light which can reduce internal reflections
2. The Sloping side edge minimizes potential for edge glare.
3. The squared posterior edge facilitates 360° Capsular Contact

Angulated haptics to allow for adequate pupillary clearance and adhesion to the posterior capsule.

Note: The optimized A-constants are approximated based on statistical correlation between calculated & absorbed refractive error after ocular implantation.



NANO CLARO



NANO GRAND

Hydrophobic Acrylic

TECHNICAL SPECIFICATIONS

DESIGNATION	TECHNICAL SPECIFICATIONS	FEATURES
Lens Type	For Implantation in the capsular bag	Optic Design
Material	A cross linked polymer of phenylEthyl Acrylate, phenylEthyl MetAcrylate, EthoOxyethyl MethAcrylate & Methyl MethAcrylate	Equi Convex
Suggested Anterior Chamber Depth (ACD)	5.77 mm Ultrasound Biometry	Haptic Design
Refractive Index @25°C	1.4915	Modified C-Loop
Sterilization	Ethylene Oxide	Optic Diameter
Recommended Incision Size	≥ 2.4 mm	6.0mm
A-Constant (Manual)	118	Overall Diameter
SRK 11 (A-Constant)	118.6	12.5mm
SRK / T (A-Constant)	118.4	11.0mm (for modified M-Loop)
Hoffer Q (pACD)	5.11	Angulation
Haigis α_0	0.885	0° 5°
Haigis α_1	0.4	Diopter Range
Haigis α_2	0.1	From +10.0D to 30.0D
Holladay (SF)	1.33	From +10.0D to +15.0D & increments of 1.0D
MODELS		
Haptic Design	Loading Method	Optic Haptic
Modified C-LOOP	Without Preloaded Injector Cartridge	6.0mm 12.5mm
Modified C-LOOP	With Preloaded Injector Cartridge	6.0mm 12.5mm
Aspheric	Aspheric 360° Square Edge	Yellow Aspheric 360° Square Edge
NHPC 600	NHPC 600 SQ	NHPC 600 SQY
NHPC 600P	NHPC 600PSQ	NHPC 600P SQY
Loading Method		
With Preloaded Injector & Cartridge		
Without Preloaded Injector & Cartridge		

With Preloaded Injector & Cartridge



CLEAR LENS

Nano Claro Plus

YELLOW LENS

Nano Grand Plus

Features of IOL Material

The material has been selected to create a balance between high refractive index, foldability for small incision and fast unfolding time, the key requirements for a good hydrophobic lens.

Aspheric IOL

For better contrast sensitivity, better mesopic vision Aspheric IOLs attempt to improve pseudophakic vision by controlling spherical aberrations.

360° Square Edge IOL

The Rounder Anterior Edge scatters light which can reduce internal reflections, The Sloping side edge minimizes potential for edge glare, The squared posterior edge facilitates 360° Capsular Contact

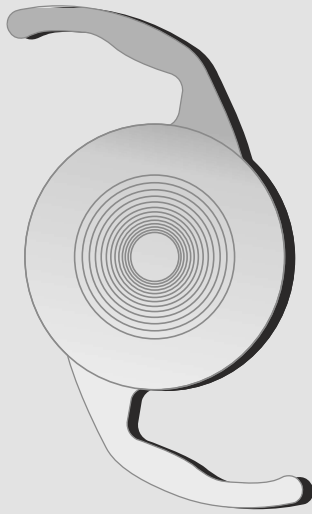
Angulated haptics to allow for adequate pupillary clearance and adhesion to the posterior capsule.

Features of IOL

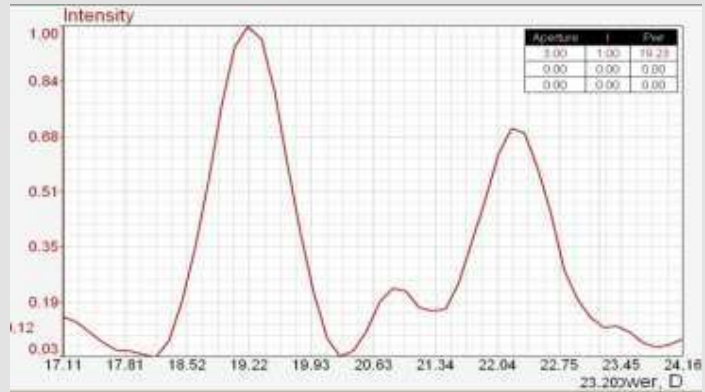
- Glistenings Free
- Good resistance to YAG laser
- Easy to handle, less
- Mechanical / YAG-laser damage
- Low PCO rates

Note: The optimized A-constants are approximated based on statistical co-relation between calculated & absorbed refractive error after ocular implantation.

These optimized optical constant as derived based on surgeons experience and contribution to the collated data.



Energy Scanning



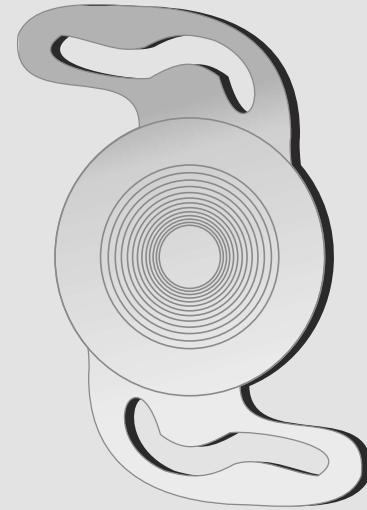
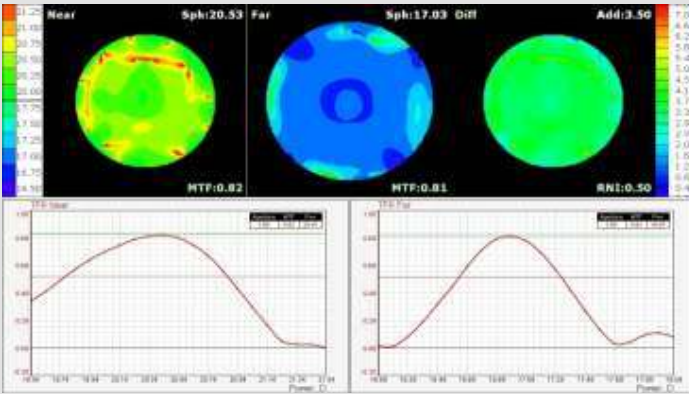
Nano Hi Diff

DIFFRACTIVE-REFRACTIVE Multifocal **Hydrophilic** Intraocular Lens

TECHNICAL SPECIFICATIONS

DESIGNATION	TECHNICAL SPECIFICATIONS	FEATURES
Optic Design	Single Piece, Diffractive-Refractive, 360° Square Edge with Aspheric Optic	Optic Design Equi Convex
Material	poly Hydroethylmethacrylate (pHEMA)	Haptic Design Plate Loop / Rayner / Dualhaptic
Near Addition	+3.00 D / +3.50 D	Optic Diameter 6.0mm
Suggested Anterior Chamber Depth (ACD)	5.0mm Ultrasound Biometry	Overall Diameter 12.5mm
Refractive Index	1.4600	Angulation 0° / 5°
Sterilization	Steam	Diopter Range From +10.0D to 30.0D
Recommended Incision Size	≥ 2.4 mm	Increments of 0.5D
A Const (Manual)	118	Loading Method With Disposable Injector & Cartridge
A Const SRK 11	118.45	
Estimated A - Constant (SRK-T)	118.47	
Haigis a_0	0.806	
Haigis a_1	0.40	
Haigis a_2	0.10	
Hoffer Q (pACD)	5.23	
Holladay (SF)	1.48	

Posterior Diffractive Surface, Anterior Aspheric Surface with 360° Square Edges, RNI-Energy Distribution for Far and Near Focus 60/40



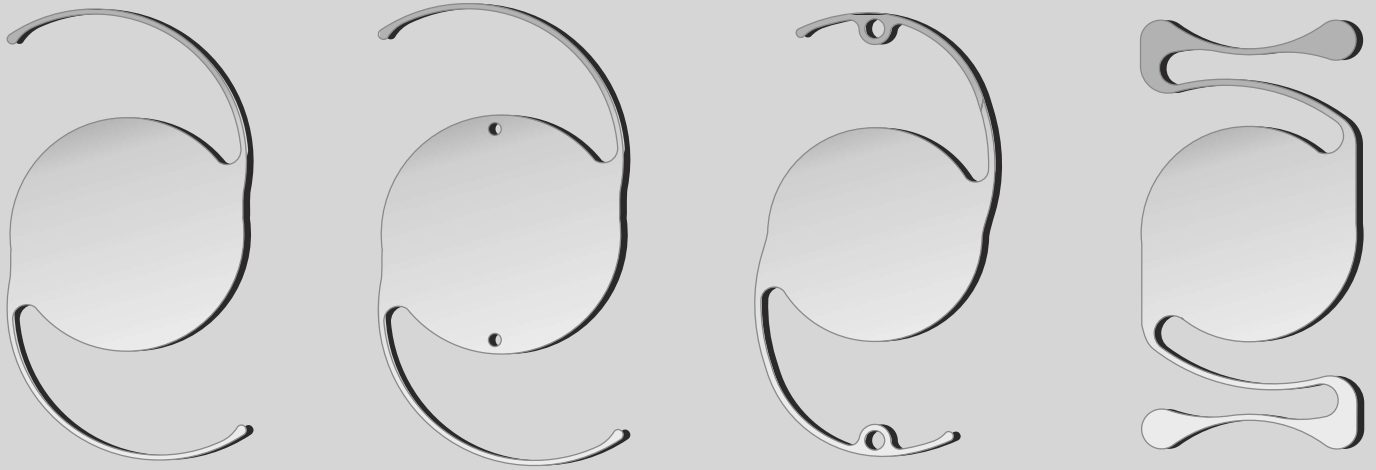
Nano Hi Diff +

DIFFRACTIVE-REFRACTIVE Multifocal **Hydrophobic** Intraocular Lens

TECHNICAL SPECIFICATIONS

DESIGNATION	TECHNICAL SPECIFICATIONS	FEATURES
Optic Design	For Implantation in the capsular bag	Optic Design Equi Convex
Material	A cross linked polymer of phenylEthyl Acrylate, phenylEthyl MetAcrylate, EthoOxyethyl MethAcrylate & Methyl MethAcrylate	Haptic Design Plate Loop / Rayner / Dualhaptic
Suggested Anterior Chamber Depth (ACD)	5.77 mm Ultrasound Biometry	Optic Diameter 6.0mm
Near Addition	+3.00 D / +3.50 D	Overall Diameter 12.5mm
Refractive Index @25°C	1.4915	Angulation 0° / 5°
Sterilization	Ethylene Oxide	Diopter Range From +10.0D to 30.0D Increments of 0.5D
Recommended Incision Size	≥ 2.4 mm	Loading Method Preloaded System with incision size 2.60mm Unfolding time less than 10Sec
A-Constant (Manual)	118	
SRK 11 (A-Constant)	118.6	
SRK / T (A-Constant)	118.4	
Hoffer Q (pACD)	5.11	
Haigis α_0	0.885	
Haigis α_1	0.4	
Haigis α_2	0.1	
Holladay (SF)	1.33	

Diffraction-Refraction combination Multifocal IOL designed to maximize the patient's range of vision
 Diffraction-Refraction combination Multifocal IOL to provide patients with a full range of vision under most lighting conditions.



PMMA Intraocular Lens

TECHNICAL SPECIFICATIONS

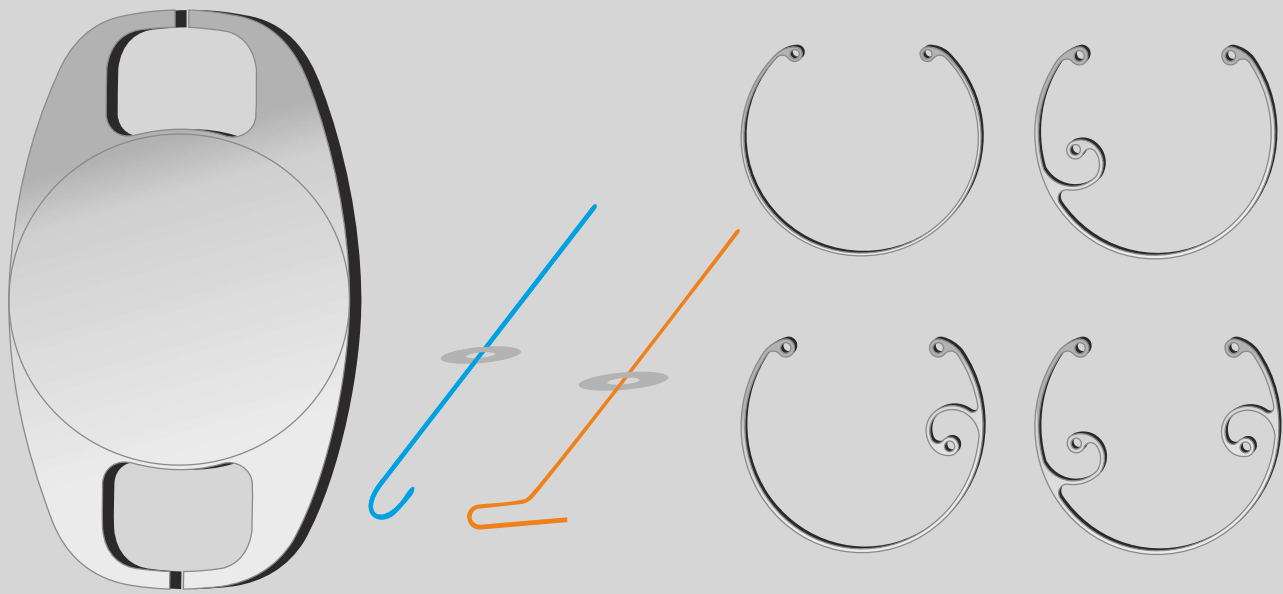
DESIGNATION	TECHNICAL SPECIFICATIONS	FEATURES
Lens Type	For Implantation in the capsular bag	Optic Design
Material	Poly Methyl Metha Acrylate (PMMA)	Equi Convex
Suggested Anterior Chamber Depth (ACD)	5.0mm (2.95mm for AC Lens)	Optic Diameter
Refractive Index	1.4893 - 1.4899	5mm 5.5mm 6mm 6.5mm
Sterilization	Ethylene Oxide	Overall Diameter
A Const (Manual)	118.4 (115.3 for AC Lens)	12mm 12.5mm 13mm 13.5mm
Haptic Design	Capsular C-Loop / S-Loop for AC Lens Simcoe Modified C-Loop	Angulation

MODELS

Optic Haptic Sizes	Regular	360° Square Edge	Aspheric 360° Square Edge	Yellow Aspheric 360° Square Edge
$\frac{5.25\text{mm}}{12.5\text{mm}}$	NPC 520	NPC 520 SQ	NPC 520 AS	NPC 520 ASY
$\frac{5.5\text{mm}}{12.5\text{mm}}$	NPC 550	NPC 550 SQ	NPC 550 AS	NPC 550 ASY
$\frac{6.0\text{mm}}{12.5\text{mm}}$	NPC 600	NPC 600 SQ	NPC 600 AS	NPC 600 ASY
$\frac{6.5\text{mm}}{13.0\text{mm}}$	NPC 652	NPC 652 SQ	NPC 652 AS	NPC 652 ASY
Scleral Fixation IOL		AC LENS		
$\frac{6.5\text{mm}}{13.5\text{mm}}$	NSF 651	$\frac{6.00\text{mm}}{12.5 / 13.5\text{mm}}$	NPA 603	

0°	5°
Diopter Range	
From -10.0D to 40.0D	
From -10.0D to +15.0D & +30.0D to +40.0D increments of 1.0D	
From +15.0D to +30.0D increments of 0.5D	

- Complete range of well accepted designs with proven materials.
- Biocompatible, YAG Laser Compatible, UV Absorbing, Excellent Quality, Safe & Effective.
- 100% Inspected for Diopter, Resolution, Surface Quality & Dimensions



PMMA Iris Claw Intraocular Lens

TECHNICAL SPECIFICATIONS

Model	TECHNICAL SPECIFICATIONS	
	NIRS 4272H	NIRS 5585H
Optic Design	Convex / Concave	
Haptic Design	Spherical	
Optic Size	4.20mm	5.50mm
Overall Diameter	7.20mm	8.50mm
A Const (Manual)	115	
AC Depth	2.95mm	

PMMA Capsular Tension Ring

TECHNICAL SPECIFICATIONS

MODELS

	Normal Size 11mm Compress Size 9mm	Normal Size 12mm Compress Size 10mm	Normal Size 13mm Compress Size 11mm	Normal Size 14mm Compress Size 12mm
Capsular Tension Ring	NCR 1109	NCR 1210	NCR 1311	NCR 1412
Capsular Modified Tension Ring	NCC 1109 L	NCC 1210 L	NCC 1311 L	NCC 1412 L
	NCC 1109 R	NCC 1210 R	NCC 1311 R	NCC 1412 R
	NCC 1109 LR	NCC 1210 LR	NCC 1311 LR	NCC 1412 LR
Segment Ring	TYPE 10			

OPHTHALMIC MICRO SURGICAL BLADES



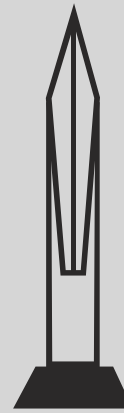
Keratome Blades
(Sharp Tip)
for Phaco Stab Incision
Straight / Angled 45°
Bevel Up/Down



Keratome Blades
(Blunt Tip)
for IOL Enlarging



Crescent Blades
for Tunnel Incision
Straight / Angled 45 Deg.
Bevel Up / Down



MVR Blades
for Water Tight
Self Sealing Incision
Straight / Angled 45°
Bevel Up / Down



Lance Tip Knives
for Initial Incision Lance Tip
Length: 12mm / Grading
Width (Cutting): 6.5mm.
Angled 15 Deg.

MODELS

Keratome Blades (Sharp Tip)

Model	Size	Description
NS 2620ST	2.65mm	20 Gauge
NS 2820ST	2.8mm	20 Gauge
NS 3019ST	3.0mm	19 Gauge
NS 3219ST	3.2mm	19 Gauge
NS 3519ST	3.5mm	19 Gauge

SPECIAL ORDER

Model	Size	Description
NS 1524ST	1.5mm	24 Gauge
NS 1820ST	1.8mm	20 Gauge
NS 2020ST	2.0mm	20 Gauge
NS 2320ST	2.3mm	20 Gauge
NS 2520ST	2.5mm	20 Gauge

MVR BLADES

Model	Description
NS 19MVR	19 Gauge
NS 20MVR	20 Gauge
NS 24MVR	24 Gauge

Keratome Blades (Blunt Tip)

Model	Size	Description
NS 3518BT	3.5mm	18 Gauge
NS 3818BT	3.8mm	18 Gauge
NS 4018BT	4.0mm	18 Gauge

SPECIAL ORDER

Model	Size	Description
NS 5116BT	5.1mm	16 Gauge
NS 5516BT	5.5mm	16 Gauge
NS 6015BT	6.0mm	15 Gauge

Lance Tip Knives

Model	Size	Description
NS 1524LT	15 Deg	24 Gauge
NS 3024LT	30 Deg	24 Gauge
NS 4524LT	45 Deg	24 Gauge

Crescent Blades

Model	Size	Description
NS 2020TI	2.0mm	20 Gauge
NS 2520TI	2.5mm	20 Gauge



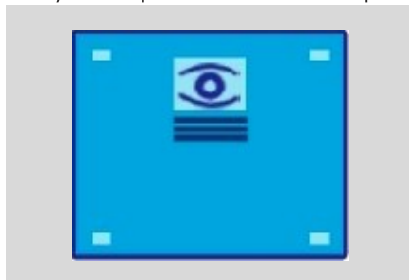
OPHTHALMIC DRAPES



Eye Drapes



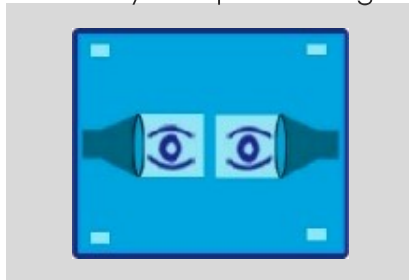
Eye Drapes with Nose Clip



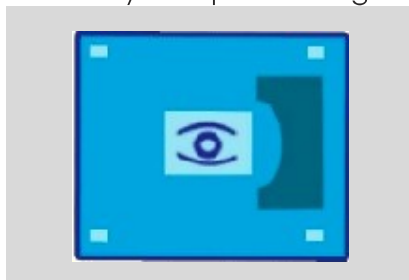
Lasik Eye Drape



Lasik Eye Drape with Bag



Eco Eye Drape with Bag



Size	Model Spun Drape	Model Poly Drape
25x25 cms	NANO 1015 S NANO 1015 SB	NANO 1015 P NANO 1015 PB
50x40 cms	NANO 1016 S NANO 1016 SB	NANO 1016 P NANO 1016 PB
50x50 cms	NANO 1017 S NANO 1017 SB	NANO 1017 P NANO 1017 PB
60x60 cms	NANO 1018 S NANO 1018 SB NANO 1018 SPL NANO 1018 SPLB	NANO 1018 P NANO 1018 PB NANO 1018 PTB NANO 1018 SPL NANO 1018 SPLB
60x45 cms	NANO 1019 S NANO 1019 SB	NANO 1019 P NANO 1019 PB NANO 1019 PBE
80x70 cms	NANO 1020 S NANO 1020 SB	NANO 1020 P NANO 1020 PB
90x75 cms	NANO 1021 S NANO 1021 SB NANO 1021 IIB NANO 1021 SB VRD	NANO 1021 P NANO 1021 PB NANO 1021 PB SPL
100x100 cms	NANO 1022 S NANO 1022 SB NANO 1022 IIB	NANO 1022 P NANO 1022 PB NANO 1022 PBE
100x120 cms	NANO 1023 S NANO 1023 SB	NANO 1023 P NANO 1023 PB NANO 1023 IIB
90x90 cms	NANO 1024 S NANO 1024 SB	NANO 1024 P NANO 1024 PB NANO 1024 IIB
120x150 cms	NANO 1025 S NANO 1025 SB	NANO 1025 P NANO 1025 PB

■ Fluid Collection Bag ■ Non Woven Fabrics / Poly ■ Adhesive Area

S - SPUN | SB - SPUN WITH BAG | PB - POLY WITH BAG | E - ECO | SPL - SPECIAL DRAIN
P - POLY | PT - POLY TRANSPARENT | VRD - VITREO RETINAL DRAPE | II - DOUBLE LAYER

Features:

- Our Drapes prevent bacterial penetration and fluid breakthrough
- Our Drapes are soft, lint free, lightweight, compact moisture resistant, non-irritating and static free
- The lightness and compactness of these synthetic drapes prevent heat retention by patients, contribute to ease in handling and storage and conserve storage space
- These disposable drapes reduce the hazards of contamination in the presence of known infectious micro-organisms in body fluid and excretions and in situations in which laundering of grossly contaminated textiles is a problem

SURGICAL GOWNS

EYE PAD | EYE SHIELD | SURGEON GOWN



Surgeon Gown

Code No.	Product Name	Sizes Available
Nano-1055	Surgeon Gown	X, XL, XXL, XXXL
Nano-1056	Poly Coated Gown	X, XL, XXL, XXXL
Nano-1057	Reinforced Gown	X, XL, XXL, XXXL
Nano-1058	Isolation Gown	X, XL, XXL, XXXL
Nano-1059	Patient Gown	X, XL, XXL, XXXL
Nano-1060	Scrub Suit	X, XL, XXL, XXXL



Eye Shield



Eye Pad



4/35, Sakthi Nagar Main Road,
Sri Sakthi Nagar, Arumbakkam,
Chennai-600 106, TN, **INDIA**
+91 95001 50936 / +91 94443 53342
044-4552 4342 / 044-23636159
export@nanovision.in / info@nanovision.in
www.nanovision.in

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