



CONSUMABLES & TOOLS FOR OPTICAL LABS 2024

NORTH AMERICA

THE ART OF MAKING LENSES



For more than 100 years the **Satisloh Group Companies** have provided ophthalmic laboratories around the world with precision optical products and equipment. Our approach focuses on the integration of the industry's finest equipment matched with process consumables that ensure optimum results. Be assured that each item in this catalog is designed and manufactured to maximize the efficiency and performance of your lab equipment. Our goal is to help

give you a competitive edge by optimizing workflow and improving yields. When choosing consumable products, it's important that the materials are suitable for the machine, they bring optimum results, and the quality is consistent. Be confident that our consumable products fulfill these requirements. For world-class service and more information on our products, contact our customer service department at csrusa@satisloh.com or 800-866-5640.

OUR GROUP OF COMPANIES

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ULTRA OPTICS

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ORDER ONLINE

Ordering

Order No.	Item	Unit
02-000-882	Center Thickness Gauge	ea
92-010-327	Refractometer	ea
65-050-043	Spectrometer, MS-200	ea
92-003-075	Xenon Arc Lamp w/Bulb	ea
92-003-077	Bulb for Xenon Arc Lamp	ea
92-016-021	Disposable Shop Towels, 10" x 12"	200 pcs
92-005-291	Lens Towels	pack
92-014-321	Kimwipes, Low Lint, 11.8" x 11.8"	100 pcs
90-901-681	Cleaning Swabs, Large	100 pcs
90-901-682	Cleaning Swabs, Small	100 pcs
92-007-787	Machine Clean External Polish Remover	1 gal
92-016-023	Mild Dawn Detergent	1 gal
92-012-991	Isopropyl Alcohol	1 gal
92-005-863	Tacky Mats, 26" x 45"	4/pack
92-016-024	Cleanroom Cap	250 pcs
90-901-680	Shoe Covers	150 pr
92-016-026	Safety Glasses	ea
92-013-684	Gloves, Latex-Free Disposable (Med)	50 pr
92-013-683	Gloves, Latex-Free Disposable (Large)	50 pr



A selection of common lab supplies.

BLOCKING UV ADHESIVE**Technical**

- State: Paste
- Color: Pale yellow
- Odor: Characteristic odor
- Oxidizing: Non-oxidizing (by EC criteria)
- Flash point > 212°F

Benefits

- Non-hazardous

Recommendations

- Store in cool, well ventilated area. <=113°F and away from direct sunlight.
- Keep container tightly closed.
- Avoid formation of dust.
- Follow local regulations regarding disposal.

Ordering

Order No.	Unit
92-010-055	18 kg bucket



Environmentally-friendly, light curable adhesive used in blocking with Satisloh OPS Blocks.

OPS PREMIUM BLOCK

Technical

- Material: UV-transmit plastic

Benefits

- Data matrix code matches a job number
- Alloy-free blocking
- Multiple block diameters available- reducing adhesive usage
- Economical

Recommendations

- Use at room temperature
- Store in dust-free environment
- Clean with warm water and mild dish soap to remove adhesive

Ordering

Order No.	Size	Unit
92-011-213	Radius 500 / Base Curve 1 / Ø50	50 / box
92-011-215	Radius 180 / Base Curve 3 / Ø50	50 / box
92-011-216	Radius 110 / Base Curve 5 / Ø50	50 / box
92-011-217	Radius 80 / Base Curve 7 / Ø50	50 / box
92-011-218	Radius 60 / Base Curve 9 / Ø50	50 / box
92-011-207	Radius 500 / Base Curve 1 / Ø55	50 / box
92-011-209	Radius 180 / Base Curve 3 / Ø55	50 / box
92-011-210	Radius 110 / Base Curve 5 / Ø55	50 / box
92-011-211	Radius 80 / Base Curve 7 / Ø55	50 / box
92-011-212	Radius 60 / Base Curve 9 / Ø55	50 / box
92-011-201	Radius 500 / Base Curve 1 / Ø60	50 / box
92-011-203	Radius 180 / Base Curve 3 / Ø60	50 / box
92-011-204	Radius 110 / Base Curve 5 / Ø60	50 / box
92-011-205	Radius 80 / Base Curve 7 / Ø60	50 / box
92-011-206	Radius 60 / Base Curve 9 / Ø60	50 / box
92-011-192	Radius 500 / Base Curve 1 / Ø65	50 / box
92-011-194	Radius 180 / Base Curve 3 / Ø65	50 / box
92-011-195	Radius 110 / Base Curve 5 / Ø65	50 / box
92-011-196	Radius 80 / Base Curve 7 / Ø65	50 / box
92-011-197	Radius 60 / Base Curve 9 / Ø65	50 / box
92-011-186	Radius 500 / Base Curve 1 / Ø70	50 / box
92-011-188	Radius 180 / Base Curve 3 / Ø70	50 / box
92-011-189	Radius 110 / Base Curve 5 / Ø70	50 / box
92-011-190	Radius 80 / Base Curve 7 / Ø70	50 / box
92-011-191	Radius 60 / Base Curve 9 / Ø70	50 / box
92-010-970	Radius 500 / Base Curve 1 / Ø75	50 / box
92-010-968	Radius 180 / Base Curve 3 / Ø75	50 / box
92-010-967	Radius 110 / Base Curve 5 / Ø75	50 / box
92-010-966	Radius 80 / Base Curve 7 / Ø75	50 / box
92-010-965	Radius 60 / Base Curve 9 / Ø75	25 / box



Machineable plastic block; use in every machine. Open platform can be used with any brand surfacing equipment. Reusable / Disposable.



TRULY SMART LENS GENERATING



VFT-orbit-2i THE FIRST INTELLIGENT GENERATOR

Built on the **VFT-orbit's** proven platform as the world's most widely installed generator, **VFT-orbit-2i** incorporates Artificial Intelligence and Machine Learning technologies for advanced, streamlined diagnostics and predictive maintenance. It constantly compares actual axes performance against reference values and employs predictive analytics to alert the lab to any potential issues.

What sets it apart:

- Streamlined Diagnostics and AI powered Predictive Maintenance
- Ultra-fast milling process with new, stronger milling spindle
- Voice-coil technology for unsurpassed surface accuracy
- Auto-calibration
- Power-safe mode

Maximum generator performance meets AI.

satisloh®

CONSUMABLES & COMMON WEAR PARTS

Satisloh's VFT digital lens generators come in various models with different footprints and throughputs for varying production requirements



VFT-orbit-2i	VFT-macro	VFT-orbit-2 & VFT-orbit-2E
Milling Tool 92-011-008	Milling Tool 92-009-118	Milling Tool (VFT-orbit-1) 92-011-008 (VFT-orbit-2E) 92-009-118
Turning Tip 92-007-626	Turning Tip 92-007-626	Turning Tip 92-007-626
Extended Life Turning Tip 92-010-972	Extended Life Turning Tip 92-010-972	Extended Life Turning Tip 92-010-972
Tool Holder 92-007-491		Tool Holder 92-007-491
Tool Holder for Engraving 92-007-610	Tool Holder for Engraving 92-007-610	Tool Holder for Engraving 92-007-610
LH 405+ Coolant 92-010-414 5-gal. pail 92-010-412 55-gal drum	LH 405+ Coolant 92-010-414 5 gal. pail 92-010-412 55 gal drum	LH 405+ Coolant 92-010-414 5 gal. pail 92-010-412 55 gal drum
Super Lo-foam-10 92-010-383	Super LoFoam-10 92-010-383	Super LoFoam-10 92-010-383
Engraving Pin 92-007-078	Engraving Pin 92-007-078	Engraving Pin 92-007-078
Performance Package *		Performance Package *

* Performance Package only available for VFT-orbit-2 and VFT-orbit-2i

VFT-ORBIT-2/2I MILLING TOOL

Technical

- Pre-cuts toric, spherical and free-form organic lenses
- Materials: organic lens materials like CR39, HI and polycarbonate

Benefits

- Cuts all organic materials
- High stock removal rates, high feed rates
- Reduced deformation in work piece due to low cutting force
- Excellent curve accuracy

Ordering

Order No.	Unit
92-011-008	VFT-orbit 2 milling tool
92-011-438	Certified refurbished VFT-orbit 2 milling tool



VFT-ORBIT-1/2E MILLING WHEELS / PCD INSERTS

Technical

- Pre-cuts toric, spherical and free-form organic lenses
- Materials: organic lens materials like CR39, HI and polycarbonate
- The cutter has 8 polycrystalline bits, each with a diameter of 11 mm
- Bits can be turned 3 times
- Resharpener of the PCD bits up to 3 times

Benefits

- Cutting bits can be exchanged easily
- Adjustment of the cutting bits is not necessary due to exact centering by fixing screws
- Cuts all organic materials
- High stock removal rates, high feed rates
- Reduced deformation in work piece due to low cutting force
- Excellent curve accuracy

Ordering

Order No.	Unit
92-002-738	Cutting wheel T66 L incl. 8 PCD inserts
92-000-915	Cutting wheel T66 L (tool body) without inserts
92-000-929	PCD cutter bits 11 mm
92-005-544	PCD cribbing cutter VFT-compact
92-007-078	VFT engraving pin
92-003-464	Holder for PCD-tipped wheel T66
92-003-465	Mounting screw for PCD-tipped wheel T66
92-009-346	12 blade PCD complete tool
92-009-118	12 blade PCD disc
92-000-914	Hub for 12 blade PCD disc



12 blade fixed PCD Insert

VFT TURNING TIPS / HOLDERS

Technical

- Radius 2 mm, 5 mm and 8 mm PCD tip for RX-production of CR39 and selected high index lenses
- Radius 2 mm MCD* tip for all organic lens materials and free-form

Benefits

- Short set-up time after tool change due to accurate length, height and radius of the tool
- Easy exchange of turning tips
- Resharpener of PCD tools up to 3 times possible, up to 5 times when using MCD tools, provided that the tips have not been damaged
- Higher throughput by increased spiral space utilizing 5 mm PCD tool (CR39/Hi only)
- Ensure short polishing time on soft tool polishers and on Toro-X machines
- Increase surface smoothness utilizing MCD* tools for lathing polycarbonate and selected high index materials

Ordering

Order No.	Unit
VFT-micro	
92-009-543	Tool holder
92-009-623	Turning tip segment
VFT-orbit/VFT-orbit-2	
92-007-491	Tool holder
92-007-611	Turning tip PCD R 2 mm
92-007-626	Turning tip MCD R 2 mm
92-007-241	Turning tip PCD R 8 mm (dia 16 mm)
92-010-972	Extended life turning tip R 2 mm
92-012-507	Turning tool Performance Pkg R 2 mm 90°
92-012-508	Turning tool Performance Pkg R 2 mm 125°
92-012-509	Turning tool Performance Pkg R 5 mm 90°
VFT-compact	
92-005-560	Tool body
92-006-331	Holder for tool body
92-007-076	Turning and engraving holder
92-007-098	Complete holder turning/engraving (w/o tools)
92-007-077	Holder for engraving pin
92-006-983	Turning tip PCD R 2 mm
92-006-714	Turning tip MCD R 2 mm
VFT-ultra	
92-007-240	Holder for 16 mm PCD insert
02-052-808	Single tool reception 6°
92-007-099	Tool holder for engraving complete (w/o tools)
92-005-545	Turning tip PCD 2 mm
92-006-713	Turning tip MCD R 2 mm



For high speed ready-to-polish turning processes on VFT models.



Premium MCD/PCD turning tips.

V50/V75 CUTTING WHEELS / PCD INSERTS

Polycrystalline Diamond Cutters

Order No.	Complete Tools
92-002-738	Standard range (to 14.00 D)
92-002-739	Extended range (to 30 D)
Tool Body Only	
92-000-915	Standard
92-000-916	Extended
92-000-929	PCD Cutter Bits

Carbide Lap Cutting

Order No.	Complete Tools
92-002-740	Standard range (to 14.00 D)
4 carbides + 92-002-739	Extended range (to 30 D)
Tool Body Only	
92-000-915	Standard
92-000-916	Extended
Carbide Cutter Bits	
92-000-928	Standard

Glass Cutters

Order No.	Complete Tools
Tool Body Only	
92-000-914	Standard
92-000-913	Extended
Cutting Disc Only	
92-000-923	Standard (70 mm)
92-000-919	Extended (35 mm)

Plastic Galvanic Cutters

Order No.	Complete Tools
Tool Body Only	
92-000-914	Standard
92-000-913	Extended
Cutting Disc Only	
92-000-921	Standard (70 mm)



Pre-cutter for high stock removal; processes toric, spherical and free-form organic lenses.

V100 CUTTING WHEELS / PCD INSERTS

Polycrystalline Diamond Cutters

Order No.	Complete Tools
92-002-741	Standard range (to 14.00 D)
92-002-742	Extended range (to 30 D)
Tool Body Only	
92-002-077	Standard
92-002-337	Extended
92-000-929	PCD Cutter Bits

Carbide Lap Cutting

Order No.	Complete Tools
4 carbides + 92-002-337	Extended range (to 30 D)
Tool Body Only	
92-002-077	Standard
92-002-337	Extended
Carbide Cutter Bits	
92-000-928	Standard

Glass Cutters

Order No.	Complete Tools
92-000-919	Extended range (to 30 D)
Tool Body Only	
92-000-914	Standard
92-000-913	Extended
Cutting Disc Only	
92-000-922	Standard (70 mm)
92-000-919	Extended (35 mm)

Plastic Galvanic Cutters

Order No.	Complete Tools
Tool Body Only	
92-000-914	Standard
92-000-913	Extended
Cutting Disc Only	
92-000-921	Standard (70 mm)

bazell technologies™

Our experience manufacturing hundreds of centrifuge-based coolant management systems for the ophthalmic market has provided us with uncommon insight into the fluid requirements of modern ophthalmic surfacing machines.

COOLANT & WASTE MANAGEMENT SYSTEMS



Microseparator HC2 / HC3 / HC6	Chip Separator Assembly Dual/Triple	WEIMA Briquetter	Pump Station
LH 405+ Coolant 92-010-414 5-gal. pail 92-010-412 55-gal. drum			
Super Lo-foam-10 92-010-383			

Technical

- Color: Purple liquid
- pH-Value: 9.2- 9.5
- Refractometer Factor: 0.7 organic
- Odor: Mild
- Specific Gravity: 8.446

Benefits

- Based on proven chemistry of LH-305 Plus, it provides exceptional lubricity for milling and single point lathing processes.
- Improved chemistry allows energy release for cleaner optics and decreases surface roughness.
- 100% synthetic coolant specially designed for ophthalmic digital lens processing.
- Super LoFoam 10 anti-foam agent incorporated.
- Improved corrosion protection for all non-ferrous metals.
- Not adversely affected by below-freezing temperatures.
- Improved lens cutting technology allows for faster milling and turning.
- Chemistry for digital/free form generating.
- Improves diamond life.
- Prevents swarf build-up.
- Improved anti-foaming agents.
- Anti-bacterial/fungal control chemistry.

Recommendations

- Dilution ratio: with water up to 30:1.
- Diluted concentration should read 1.0 on refractometer.
- For best results, system must be maintained to correct coolant ratio as recommended by system manufacturer.
- Coolant sample testing provided by Satisloh.

Ordering

Part No.	Product	Unit
92-010-414	LH-405 Plus Coolant	5 gallon pail
92-010-412	LH-405 Plus Coolant	55 gallon drum
92-010-383	LoFoam 10 Defoamer	gallon
92-010-327	Refractometer	each

To charge tank

Tank size (gal.)	Add this much coolant (gal.)				
200	20	13.3	10	8	6.6
175	17.5	11.6	8.75	7	5.8
150	15	10	7.5	6	5
125	12.5	8.3	6.25	5	4.2
100	10	6.6	5	4	3.3
75	7.5	5	3.75	3	2.5
50	5	3.3	2.5	2	1.6
25	2.5	1.6	1.25	1	0.8
Coolant ratio	10 to 1	15 to 1	20 to 1	25 to 1	30 to 1



A fully synthetic coolant specifically designed for digital lens processing. This new formulation provides additional chemistry for fine cut processing in digital lens production.

LH-305 PLUS COOLANT

Technical

- Color: Yellow / green
- pH-Value: 9.2- 9.5
- Refractometer Factor: 0.7 organic
- Odor: Mild
- Specific Gravity: 8.446

Benefits

- Improved lens cutting technology allows for faster cutting and improved surface quality.
- Designed for digital/free form generating.
- Improves diamond life.
- Prevents swarf build-up.
- Improved anti-foaming agents.

Recommendations

- Dilution ratio: with water up to 30:1
- Diluted concentration should read 0.7 on refractometer
- For best results, system must be maintained to correct coolant ratio as recommended by system manufacturer.



A fully synthetic coolant specifically designed for digital ophthalmic lens processing.

Ordering

Part No.	Product	Unit
92-006-637	LH-305 PLUS Coolant	5 gallon pail
92-006-883	LH-305 PLUS Coolant	55 gallon drum
92-010-283	Poly-Lube	gallon
92-010-383	LoFoam 10	gallon
92-010-327	Refractometer	each

To charge tank

Tank size (gal.)	Add this much coolant (gal.)				
200	20	13.3	10	8	6.6
175	17.5	11.6	8.75	7	5.8
150	15	10	7.5	6	5
125	12.5	8.3	6.25	5	4.2
100	10	6.6	5	4	3.3
75	7.5	5	3.75	3	2.5
50	5	3.3	2.5	2	1.6
25	2.5	1.6	1.25	1	0.8
Coolant ratio	10 to 1	15 to 1	20 to 1	25 to 1	30 to 1

Technical

- Freezing point:-30°F
- pH: 5.6- 6.1

Benefits

- Proper chemistry to aid the performance of LH-205 PLUS/305 PLUS.
- Helps decrease entrained air bubbles and allows them to break on surface.
- Keeps system clean and functioning properly.

Recommendations

- 2 oz dosage per 8-hour shift

Ordering

Order No.	Unit
92-010-383	1 gallon cube container

Ordering

Order No.	Unit
92-010-281	1 gallon
92-010-282	5 gallon pail

Technical

- pH: 5.5- 6.7
- Specific Gravity: 1.018
- Freezing point:-25°C

Benefits

- Helps maintain proper function of LH-205 PLUS/305 PLUS coolant.
- Small amounts needed to maintain system.
- Enhances effectiveness of swarf pumping systems.
- Helps reduce foam.

Recommendations

- Application: 20- 60 ml per 100 gallons daily.
- Daily checks must be performed to keep system in order.

Ordering

Order No.	Unit
92-010-283	1 gallon

LOFOAM-10



Latest defoaming technology in super-concentrated formula.

LOFOAM-3



Use in conjunction with LH-205/305 PLUS to reduce foaming in coolant systems.

POLY-LUBE



Designed to enhance the effectiveness of LH-205 PLUS/ 305 PLUS coolant for optimized lens material swarf removal.

Digi-Pro**Technical**

- pH: 3.2- 4.2
- Particle size: 1.1- 2.2
- Baume: 23- 25

Benefits

- New chemistry with improved particle shape and hardness for increased stock removal and product life.
- Premium digital polish for all lens materials provides exceptional surface quality and a consistent removal rate.
- Improved viscosity offers consistent flow rates key to lens surface quality.
- Improved frost resistant chemistry prevents damage.
- Improved suspension provides consistent results and reduces carry out and makes clean up easy.

Ordering

Order No.	Size
92-011-159	1 gallon
92-011-160	5 gallon pail

Poly-Pro All-Format™**Technical**

- pH: 3.2- 4.2
- Particle size: 1.1- 2.2
- Baume: 23- 25

Benefits

- Exclusively formulated digital polish for use in our Auto-Flex, I-Flex, Duo-Flex, and Toro-Flex polishing units in conjunction with Satisloh VFT Generator Line.
- Formulated from the Poly-Pro polish provides needed results in cut-to-polish systems.
- Provides appropriate removal rate for organics, including demanding materials like Polycarbonate and Trivex.
- Suspension treated to provide consistent results and reduce carry out and easy clean up.

Ordering

Order No.	Size
92-005-541	1 gallon
92-005-542	5 gallon pail



Specially-formulated polishes for the demands of digital polishing in today's labs: Digi-Pro; Poly-Pro All-Format™; Poly-Pro PLUS; and Poly-Pro.





POLISHING POWER JUST GOT BETTER



Multi-FLEX-2 LEVEL UP YOUR POLISHING

Lab **4.0** ready

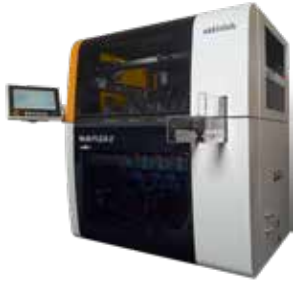
The new **Multi-FLEX-2** Polisher takes automated, soft-tool polishing up a notch, to meet your demands for higher volume production and greater polishing flexibility. The robust design featuring our innovative **Evolution polishing process** is ideal for hard-coated and **knife-edge lenses**, and the universal tool handles all standard materials. The pre-installed **MES-360 Lite** provides **daily reports** to track machine utilization, production throughput, and top 5 errors. Plus, an integrated cleaning station and automated polish chamber cleaning simplify operations.

GET THE POLISHING POWER YOUR LAB NEEDS.

satisloh[®]

CONSUMABLES & PROCESSES

Satisloh's FLEX polishers can process all surface geometries on all organic lens materials and their long-lasting tools assure highest form accuracy of the final lens, whether used on a manual or automated Satisloh polisher.



Multi-FLEX-2/2E	Duo-FLEX	Toro-FLEX
Poly-Pro All-Format Polish 92-005-541 1 gal. jug 92-005-542 5 gal. pail	Poly-Pro All-Format Polish 92-005-541 1 gal. 92-005-542 5 gal. pail	Poly-Pro All-Format Polish 92-005-541 1 gal. 92-005-542 5 gal. pail
Digi-Pro Polish 92-011-159 1 gal. 92-011-160 5 gal. pail	Premium-FLEX XL 1/1 92-009-949	Premium-FLEX XL 1/1 92-009-949
Universal Premium Cap 92-011-818	Premium-FLEX XL 3/3 92-009-950	Premium-FLEX XL 3/3 92-009-950
Extended Range Cap 92-011-819	Premium FLEX XL 5/5 92-009-951	Premium FLEX XL 5/5 92-009-951
High Luster 2nd Step 92-011-820	Premium-FLEX XL 7/7 92-009-952	Premium-FLEX XL 7/7 92-009-952
Multi-FLEX Top Speed Cap 92-012-812	Premium-FLEX XL 9/9 92-009-953	Premium-FLEX XL 9/9 92-009-953
Tool Clamping Ring 92-010-521	Premium-FLEX XL 11/11 92-009-954	Premium-FLEX XL 11/11 92-009-954
Slurry Clean Tank Cleaner 92-008-068	Premium-FLEX XL 13/13 92-009-955	Premium-FLEX XL 13/13 92-009-955
Machine Clean 92-007-787	Standard-FLEX 1/1 92-008-017	Standard-FLEX 1/1 92-008-117
	Standard-FLEX 3/3 92-008-018	Standard-FLEX 3/3 92-008-118
	Standard-FLEX 5/5 92-008-019	Standard-FLEX 5/5 92-008-119
	Standard-FLEX 7/7 92-008-020	Standard-FLEX 7/7 92-008-120
	Standard-FLEX 9/9 92-008-021	Standard-FLEX 9/9 92-008-121
	Standard-FLEX 11/11 92-008-022	Standard-FLEX 11/11 92-008-122
	Standard-FLEX 13/13 92-008-023	Standard-FLEX 13/13 92-008-123
	Slurry Clean Tank Cleaner 92-008-068	Slurry Clean Tank Cleaner 92-008-068
	Machine Clean 92-007-787	Machine Clean 92-007-787

STANDARD-FLEX POLISHING CAPS

Technical

- Lifetime: Up to 2,500 to 3,000 seconds.
- Work range: Base 0- 14 dpt, cyl 0- 6 dpt
- Flocked velveteen carrier

Benefits

- High shape accuracy for all lens surfaces.
- Short polish times through hard stock removal rates; process times nearly independent of cylinder and/or add powers.
- Highly versatile: polishes all lens formats (toric, spheric, free-form, & concave).

Recommendations

- For best results, only use Satisloh digital polishes.



Best for toric and less demanding full back side digital PAL designs; can be used to produce demanding designs provided process is very tightly controlled.

Standard Flex Caps (I-Flex / Auto Flex)

Order No.	Product	Unit
92-007-088	Standard Flex 0/0	each
92-007-052	Standard Flex 1/1	each
92-007-059	Standard Flex 2/2	each
92-007-061	Standard Flex 3/3	each
92-007-062	Standard Flex 4/4	each
92-007-063	Standard Flex 5/5	each
92-007-064	Standard Flex 6/6	each
92-007-065	Standard Flex 7/7	each
92-007-066	Standard Flex 8/8	each
92-007-067	Standard Flex 9/9	each
92-007-053	Standard Flex 10/10	each
92-007-054	Standard Flex 11/11	each
92-007-056	Standard Flex 12/12	each
92-007-057	Standard Flex 13/13	each
92-007-058	Standard Flex 14/14	each

STANDARD/PREMIUM-FLEX POLISHING CAPS

Technical

- Lifetime: Up to 2,500 to 3,000 seconds
- Work range: Base 0- 14 dpt, cyl 0- 6 dpt
- Polyurethane based polish carrier

Benefits

- High shape accuracy for all lens surfaces
- Cost efficient
- Reduces handling, because fewer tools are needed for large working range
- Short polish times through high stock removal rates; process times nearly independent of cylinder and/or add powers
- Highly versatile: polishes all lens formats (toric, spherical, free-form, & concave)

Recommendations

- For best results, only use Satisloh digital polishes.

Standard Flex Caps (Duo/Toro Flex)

Order No.	Product	Unit
92-008-017	Standard Flex 1/1	each
92-008-018	Standard Flex 3/3	each
92-008-019	Standard Flex 5/5	each
92-008-020	Standard Flex 7/7	each
92-008-021	Standard Flex 9/9	each
92-008-022	Standard Flex 11/11	each
92-008-023	Standard Flex 13/13	each

Premium Flex Caps (Duo/Toro Flex)

Order No.	Product	Unit
92-009-139	Premium Flex 1/1	each
92-009-140	Premium Flex 3/3	each
92-009-141	Premium Flex 5/5	each
92-009-142	Premium Flex 7/7	each
92-009-143	Premium Flex 9/9	each
92-009-144	Premium Flex 11/11	each
92-009-145	Premium Flex 13/13	each



Best for producing primarily digital designs, including dual side progressive. Consumables utilized are priced higher but breakage is significantly lower and polish pads last up to 50 percent longer.

PREMIUM-FLEX-XL POLISHING CAPS

Technical

- Lifetime: Up to 5,000 to 6,000 seconds
- Work range: Base 0- 14 dpt, cyl 0- 6 dpt
- Polyurethane carrier

Benefits

- High shape accuracy for all lens surfaces
- Cost efficient

Premium-Flex-XL Caps (Duo/Toro Flex)

Order No.	Product	Unit
92-009-949	Premium Flex XL 1/1	10 pcs
92-009-950	Premium Flex XL 3/3	10 pcs
92-009-951	Premium Flex XL 5/5	10 pcs
92-009-952	Premium Flex XL 7/7	10 pcs
92-009-953	Premium Flex XL 9/9	10 pcs
92-009-954	Premium Flex XL 11/11	10 pcs
92-009-955	Premium Flex XL 13/13	10 pcs



Premium FLEX-XL polishing tools curved for Duo- and Toro-FLEX machines

SPEED-FLEX POLISHING CAPS

Technical

- Lifetime: Up to 2,500 to 3,500 seconds
- Work range: Base 0-14 dpt, cyl 0-6 dpt
- Polyurethane carrier

Benefits

- High shape accuracy for all lens surfaces
- Cost efficient
- Short polish times through high stock removal rates
- Highly versatile: polishes all lens formats (toric, spherical, free-form, & concave)

Speed-Flex Caps

Order No.	Product	Unit
92-010-248	Speed Flex 1/1	10 pcs
92-010-249	Speed Flex 3/3	10 pcs
92-010-250	Speed Flex 5/5	10 pcs
92-010-251	Speed Flex 7/7	10 pcs
92-010-252	Speed Flex 9/9	10 pcs
92-010-253	Speed Flex 11/11	10 pcs
92-010-254	Speed Flex 13/13	10 pcs



Polishing tools for two-step polishing process

MULTI-FLEX POLISHING CAPS

Technical

- Lifetime: Up to 14,000 seconds
- Work range: Base 0-14 dpt, cyl 0-4 dpt
- Polyurethane carrier

Benefits

- High shape accuracy for all lens surfaces
- Eliminates hard lap tools
- Cost efficient
- Reduces handling, because fewer tools are needed for large working range
- Short polish times through high stock removal rates; process times nearly independent of cylinder and/or add powers
- Highly versatile: polishes all lens formats (toric, spherical, free-form, convex & concave)

Recommendations

- For best results, only use Satisloh digital polishes.

Multi-Flex Caps

Order No.	Product	Unit
92-010-521	Clamping Ring	ea
92-011-818	Multi-FLEX Universal Premium Ø56	2 pcs
92-011-819	Universal Extended Range FLEX Ø down to 48 mm	2 pcs
92-011-820	Universal High Luster FLEX Ø 48-90 mm	2 pcs
92-012-812	Universal Top Speed Flex Ø 48-85 mm	2 pcs



Multi-FLEX polishing tools

UNMATCHED COATING SPEED & EFFICIENCY!



900-TLX

UNRIVALED CAPACITY & PRODUCTIVITY WITH
A REVOLUTIONARY SECTOR DOME DESIGN!

Satisloh's powerful mid-sized box coater **900-TLX**, sets a new standard as the most efficient solution in its class, offering enhanced capacity and unrivaled productivity. Its innovative tooling concept, powerful pumping group, smart gate valve concept, and large Meissner trap work together to optimize the coating process, minimize downtime, and maximize productivity. The revolutionary sector dome brings unmatched flexibility to your operations, producing up to 129 lenses per hour. It accommodates mixed sectors (standard with rings, ringless with slim rings, ringless).

Learn how the **900-TLX** can impact your coating lab!

satisloh[®]

CONSUMABLES & PROCESSES

For optimum quality, use Satisloh processes with Satisloh chambers.



280-X



380-X-2



900-TLX



1200-DLX



1500-X

Chamber Size	Part No.	Product	PROCESS							
			Performance	Premium	Ultimate-2	Premium Drive	Fog-Free	Protect Blue	Protect UV	Protect Complete
ALL	92-006-296	Aulon	•							
ALL	92-005-257	AR Plus		•	•	•	•	•	•	•
ALL	92-006-299	Satis Satin 380 pills		•	•	•	•	•	•	•
280x/380x	92-005-252	Satis S-11P	•	•	•	•	•	•	•	•
380H	92-005-261	Satis S-26P	•	•	•	•	•	•	•	•
1500/1200	92-005-262	Satis S-22P	•	•	•	•	•	•	•	•
1500/1200	92-005-263	Satis S-23P		•	•	•	•	•	•	•
ALL	92-005-260	Satis SA1G	•	•	•	•	•	•	•	•
ALL	92-005-241	Satis S3-F Substance	•	•	•	•	•	•	•	•
ALL	92-005-264	Satis SC1G		•	•	•	•	•	•	•
280x/380x	92-007-547	Filament Ion Gun Mark I+	•	•	•	•	•	•	•	•
380H	92-006-294	Filament Ion Gun Mark I	•	•	•	•	•	•	•	•
1200 & 1500	92-007-277	Filament Ion Gun Mark II+	•	•	•	•	•	•	•	•
ALL	92-005-881	Gold Crystal Quartz 5.98MHZ	•	•	•	•	•	•	•	•
ALL	92-005-235	EB GUN Filament	•	•	•	•	•	•	•	•
T5/T10/T40	92-005-277	Ecosolve 105	•	•	•	•	•	•	•	•
T10/T40	92-005-282	Ecosolve 70	•	•	•	•	•	•	•	•

PROPRIETARY EVAPORANTS FOR AR COATING

Technical

- High purity and consistency

Benefits

- Optimized for Satisloh coating processes and machines
- Assures high proven quality and high performance
- Process guarantee for Satisloh processes

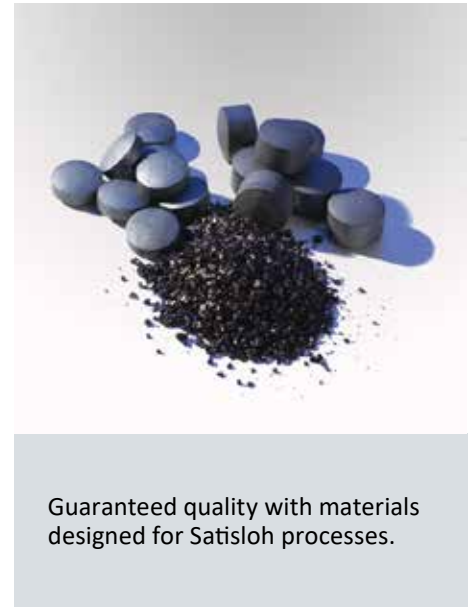
Recommendations

- Store in a dry place
- Keep containers closed

Applications

Satisloh process families for box coaters and bell coaters

- Performance
- Premium
- Ultimate-2
- Protect-Complete
- Protect-UV
- Protect-Blue
- Premium-Drive
- Satisloh Fog-Free
- Customized coatings



Guaranteed quality with materials designed for Satisloh processes.

Ordering

Order No.	Product	Product Form	Specification	Unit
92-005-257	AR-Plus	Granules	1-2.5 mm	500 g
92-005-244	HSAK	Granules	1.5-3.5 mm	250 g
92-005-241	S-3-F	Granules	1-2.5 mm	250 g
92-005-252	S-11-P	Pills	6 g	250 g
92-005-240	S-15-G	Granules	0.1-1 mm	250 g
92-005-262	S-22-P	Pills	21 x 6 mm	250 g
92-005-263	S-23-P	Pills	21 x 8 mm	250 g
92-005-261	S-26-P	Pills	6 g	250 g
92-005-260	SA-1-G	Granules	1-3 mm	100 g
92-005-264	SC-1-G	Granules	1-4 mm	250 g

SATISLOH TOP COATS

Technical

- Satisloh provides simple water repellent hydrophobic products up to latest super easy to clean oleophobic products.
- Materials available for application of top coatings in the AR chamber as well as application in a separate chamber

Benefits

- Evaporants for highest super top coat performance
- Easy to handle hydrophobic materials
- Easy to apply towelettes available
- Proven quality

Recommendations

- Keep dry, because materials are moisture sensitive
- Keep containers closed
- Keep SATIN products refrigerated (-15 to -20°C) for extended shelf life
- Consult your Satisloh sales person to find out which hydrophobic or oleophobic product best suits your needs

Applications

- Top coats in high vacuum chambers integrated in AR process
- Top coats in separate chambers
- Wipe on for store applications

Ordering

Order No.	Product	Product Form	Packing	Unit
92-005-258	Cleanvac	Pills	Bottle	100 pcs.
92-006-296	Aulon	Pills	Bottle	100 pcs.
92-006-302	Top 8 pills	Pills	Bottle	5 pcs.
92-005-276	Hydrophobic towelette	Towelette	Individual packets	50 pcs.
92-007-827	Satin 220	Pills	Individual packets	10 pcs.
92-007-141	Satin 300	Pills	Individual packets	10 pcs.
92-006-299	Satin 380	Pills	Individual packets	10 pcs.
92-006-301	Satin 1200	Pills	Bottle	10 pcs.
92-006-710	Mirage 1 shot	Ampoule	Bottle	5 pcs.
92-007-528	Grip II	Pills	Packet	10 pcs.
92-009-933	Mirage AR Solution	Bottle	50 ml	1 bottle



Provide highest top coat performance.

Technical

- Monitor crystals in diameter 13.9 mm
- Available with gold, silver and alloy coating
- Usable in most available coating systems

Benefits

- Proven quality
- Provide high precision

Recommendations

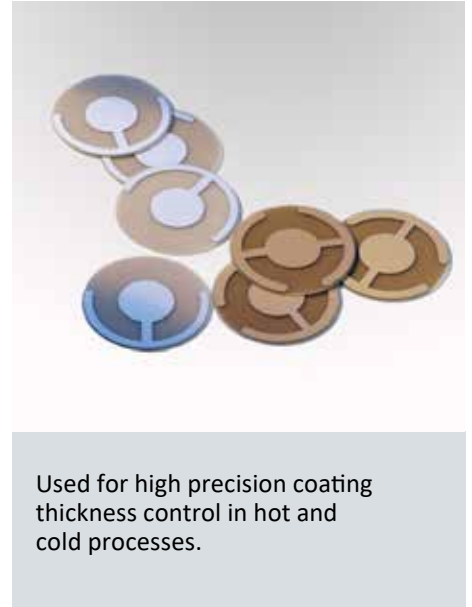
- Store in a dry place

Applications

- All AR processes
- All quartz monitors

Ordering

Order No.	Product	Nominal Frequency	Diameter	Unit
92-005-219	Gold, double anchor	5.98 MHz	13.9 mm	10 pcs.
92-005-881	Gold, double anchor	5.98 MHz	13.9 mm	10 pcs.
92-006-283	Gold, double anchor	6 MHz	13.9 mm	10 pcs.
92-010-531	Gold, double anchor	5.98 MHz	13.9 mm	10 pcs.
92-010-532	Alloy, double anchor	5.98 MHz	13.9 mm	10 pcs.



Used for high precision coating thickness control in hot and cold processes.

CRUCIBLE LINERS FOR ELECTRON BEAM EVAPORATION

Technical

- Liners are made of a special refractory material
- Specifically designed liners available for evaporating materials in pill form

Benefits

- Optimum results when utilizing Satisloh coating processes, machines and materials
- Proven quality
- Process guarantee with Satisloh processes
- Long lifetime

Recommendations

- Store in a dry place

Applications

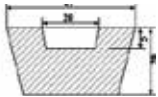
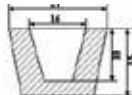

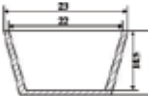
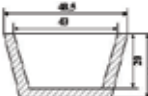

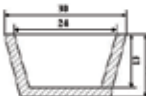
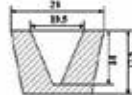
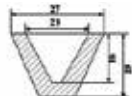
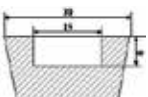
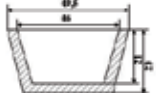

- For Satisloh coating processes using electron beam evaporation systems
- For customized coating processes using electron beam evaporation systems
- Applicable in most of the commercial electron beam evaporation systems



Product	Order No.	Use With	Unit
 Liner vol. = 4 cc	92-005-133	Granules	1 pc.
 Liner	92-005-520		1 pc.
 Liner flat top	92-006-152	Pills	1 pc.
 Liner vol. = 1.5 cc	92-005-136	Pills	1 pc.

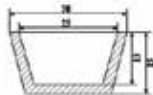
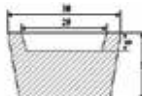

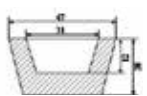
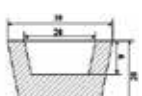
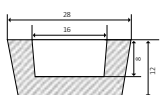
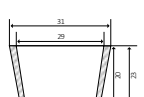
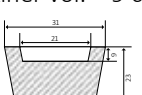
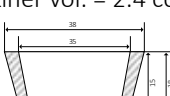
CRUCIBLE LINERS FOR ELECTRON BEAM EVAPORATION

Ordering

Product	Order No.	Use with	Unit
 Liner vol. = 1.5 cc	92-005-430	Granules	1 pc.
 Liner vol. = 1.4 cc	92-005-138	Granules	1 pc.
 Liner CV	92-005-139	Granules	10 pc.
 Liner, CV	92-005-140	Granules	10 pc.
 Liner vol. = 22.5 cc	92-006-150	Granules	1 pc.
 Liner vol. = 1.4 cc	92-005-141	Granules	1 pc.
 Liner vol. = 4 cc	92-005-142	Granules	1 pc.
 Liner vol. = 1.8 cc	92-005-143	Granules	1 pc.
 Liner vol. = 2.85 cc	92-005-340	Granules	1 pc.
 Liner	92-005-144		1 pc.
 Liner vol. = 27.8 cc	92-005-146	Granules	1 pc.
 Liner 3P vol. = 10 cc	92-005-148	S3F	1 pc.

CRUCIBLE LINERS FOR ELECTRON BEAM EVAPORATION

Ordering

Product	Order No.	Use with	Unit
 <p>Liner vol. = 4 cc</p>	92-005-149	Granules	1 pc.
 <p>Liner vol. = 7 cc</p>	92-005-150	Pills	1 pc.
 <p>Liner vol. = 18.5 cc</p>	92-005-151	Granules	1 pc.
 <p>Liner vol. = 7 cc</p>	92-006-146	S15G	1 pc.
 <p>Liner vol. = 2.4 cc</p>	92-005-152	Granules	1 pc.
 <p>Liner vol. = 28.5cc</p>	92-005-585	Pills	1 pc.
 <p>Liner vol. = 9 cc</p>	92-005-153	Granules	1 pc.
 <p>Liner vol. = 2.4 cc</p>	92-005-154	Granules	1 pc.
 <p>Liner vol. = 8.5 cc</p>	92-006-666	S15G	1 pc.

EVAPORATION BOATS FOR THERMAL SOURCES

Technical

- Liners are made of special refractory metals

Benefits

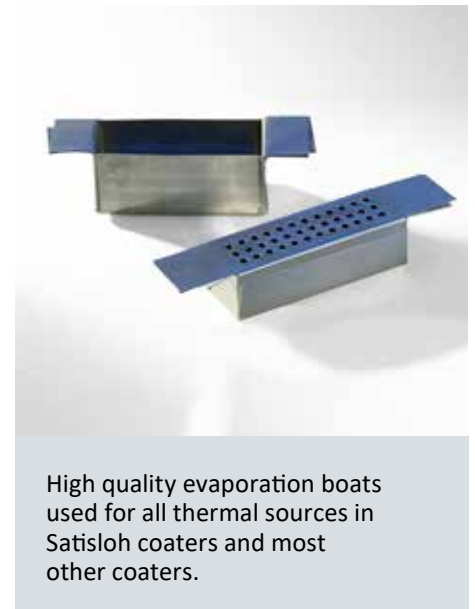
- Optimized for Satisloh and other coating processes, machines and materials
- Proven quality
- Process guarantee with Satisloh processes
- Long lifetime
- Liners are made of special refractory metals

Recommendations

- Store in a dry place

Applications

- For Satisloh coating processes with thermal evaporation
- For customized coating processes using thermal sources
- Applicable in most of the commercial thermal sources



Ordering

Order No.	Product	Machine Type	Material	Unit
92-006-298	Boat no. 7	Box coaters, 900, 1200 series	Color substances	10 pcs.
92-006-295	Boat CV	Box coaters, 900, 1200 series	Color substances	10 pcs.
92-006-157	Boat no. 14	Box coaters	Color substances	10 pcs.
92-007-627	Boat SA1G	Box coaters	SA1G	10 pcs.
92-007-628	Boat top coat	Box coaters	Top coats	10 pcs.
92-006-147	Tantalum boat BCA	Box coaters		20 pcs.

FILAMENTS FOR ELECTRON BEAM AND ION SOURCES

Benefits

- Proven quality
- Process guarantee for Satisloh processes

Recommendations

- Store in a dry place

Applications

- Electron beam guns, ion guns and EV.IN thermal sources for Satisloh coating systems
- Customized coating processes using thermal sources



High quality filaments for electron beam guns and ion guns for Satisloh coaters and most other coaters.

Ordering

Order No.	Product	Specification	System	Unit
92-006-277	Filament S	ESV6	E.B.-Gun ESV6	10 pcs.
92-006-293	Filament	Mark II	Ion gun Mark II	10 pcs.
92-007-277	Filament	Mark II+	Ion gun Mark II+	10 pcs.
92-006-294	Filament	Mark I	Ion gun Mark I	10 pcs.
92-007-547	Filament	Mark I+	Ion gun Mark I+	10 pcs.
92-005-229	Filament + gauge	Standard emitter	Temescal E.B.-Gun	5 pcs.
92-005-235	Filament TL	Standard emitter	Temescal E.B.-Gun	1 pc.
92-005-196	View port window	Large 158mm x 3mm		1 pc.
92-005-195	View port window	Small		1 pc.

Benefits

- Proven quality
- Process guarantee for Satisloh processes

Recommendations

- Store in a dry place

Applications

- For all processes using ion gun treatment

**Ordering**

Order No.	Product	Material	System	Unit
92-005-222	Anode	Graphite	Ion gun Mark 1	1 pc.
92-005-387	Anode	Inox (stainless)	Ion gun Mark 1	1 pc.
92-006-019	Gas distributor	Graphite	Ion gun Mark 1	1 pc.
92-006-018	Insulator	Sapphire ball	Ion gun Mark 1	1 pc.
92-005-224	Gas distributor, special	Graphite	Ion gun Mark 1	1 pc.
92-005-228	Gas distributor, special	Inox (stainless)	Ion gun Mark 1	1 pc.
92-006-015	Insulator	Ceramic	Ion gun Mark I, Mark II	1 pc.
92-006-017	Gas distributor	Inox (stainless)	Ion gun Mark II	1 pc.
92-006-016	Anode	Inox (stainless)	Ion gun Mark II	1 pc.
92-005-227	Gas distributor	Graphite	Ion gun Mark II	1 pc.
92-006-014	Anode	Graphite	Ion gun Mark II	1 pc.
92-006-013	Gas distributor	Titanium	Ion gun Mark II	1 pc.
92-007-278	Anode	Stainless steel	Ion gun Mark II+	1 pc.
92-007-292	Gas distributor	Graphite	Ion gun Mark II+	1 pc.
92-007-278	Thermal transfer plate		Ion gun Mark II+	1 pc.
92-009-074	Gas distributor	Graphite	Ion gun Mark 1+	1 pc.

OIL AND GREASE

Applications

Ensure performance of your coating system with regularly scheduled change-out of oils and greases.

Ordering

Order No.	Product	Specification	System	Unit
92-006-116	Oil for roots pump	P3	Roots pumps	5 kg.
92-005-163	Oil for turbo pump	TL 011	Turbo pumps	1 pc.
92-005-167	Oil for rotary pump	Ultragrade 19	Rotary pumps	4 l
92-007-577	Oil for roots pump	Ultragrade 20	Roots pumps	1 l
92-006-113	Oil for rotary pump	Ultragrade 70	Roots pumps	4 l
92-007-810	Oil for roughing pumps	SP 100/200	Roughing pumps	1 kg
92-005-391	Oil for turbo pump	SP 100/200	Turbo pumps	1 pc.
92-010-117	Oil			1 gallon



Satisloh oil and grease are the optimal choice to maintain the reliability of Satisloh equipment.



SCL INTERNATIONAL is dedicated to producing advanced technology machines for the treatment of ophthalmic lenses worldwide.

Our know-how allows us to manufacture machines for cleaning, hard coating and their peripherals in order to equip worldwide labs while ensuring their security thanks to the high SCL experience based on continuous production expertise.



CDC 400	CDC 500	CDC 1000	CDS 1000	CDS 2000
DN 1500 92-007-759	DN 1500 92-007-759	DN 1500 92-007-759	DN 1500 92-007-759	DN 1500 92-007-759
DS 1500 92-007-589	DS 1500 92-007-589	DS 1500 92-007-589	DS 1500 92-007-589	DS 1500 92-007-589
DN 1601 92-009-121	DN 1601 92-009-121	DN 1601 92-009-121	DN 1601 92-009-121	DN 1601 92-009-121
DT 1500 92-007-801	DT 1500 92-007-801	DT 1500 92-007-801	DT 1500 92-007-801	DT 1500 92-007-801
DP 100 92-007-092	DP 100 92-007-092	DP 100 92-007-092	DP 100 92-007-092	DP 100 92-007-092
Filters (T1 & T2) 92-007-296	Filters (T1 & T2) 92-007-296	Filters (T1 & T2) 92-007-296	Filters (T1 & T2) 92-007-296	Filters (T1 & T2) 92-007-296
OP141 (T1 & T2) 92-008-115	OP141 (T1 & T2) 92-008-115	OP141 (T1 & T2) 92-008-115	OP141 (T1 & T2) 92-008-115	OP141 (T1 & T2) 92-008-115
OP171 (T4) 92-000-726	OP171 (T4) 92-000-726	OP171 (T4) 92-000-726	OP171 (T4) 92-000-726	OP171 (T4) 92-000-726

HARD COATING CHEMICALS FOR DIP COATING

Technical

- Satisloh provides lacquers for hard coating of lenses with superior performance.
- The hard coating lacquers are designed for the application by dip coating.

Benefits

- Highest abrasion resistance
- Highest adhesion
- One component lacquers (no mixing needed)
- Easy to handle
- Proven quality
- Shelf life 6 month in freezer at -15 to -20°C
- Pot life approx. 12 weeks
- Satisloh provides lacquers for hard coating of lenses with superior performance.
- The hard coating lacquers are designed for the application by dip coating.

Recommendations

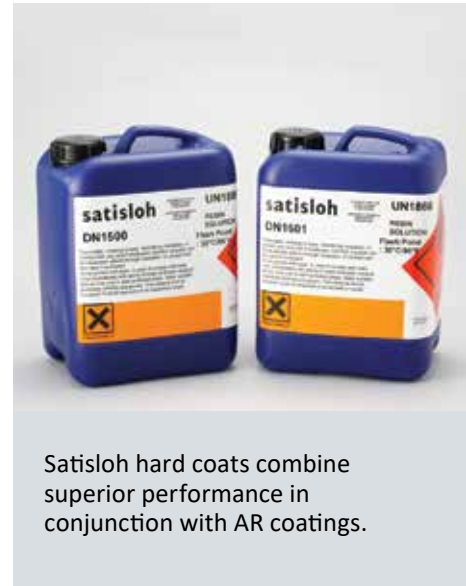
- Keep the lacquers refrigerated (-15 to -20°C)
- Keep containers closed
- Only use Satisloh solvents optimized for Satisloh hard coats
- Follow recommendations shown in the technical data sheets

Applications

- Hard coats for CR39, polycarbonate, high index and other lens materials
- Use in Satisloh and other dip coating systems

Ordering

Order No.	Product	Specification	System	Unit
92-009-121	DN 1601	Hard coat index 1.6	Dip coaters	20 kg
92-007-759	DN 1500	Hard coat index 1.5	Dip coaters	20 kg
92-010-037	DN1670	Hard coat index 1.67	Dip coaters	20 kg
92-008-202	DP 200	Primer for hard coat	Dip coaters	16 kg
92-007-590	DS 1601	Solvent mix for DN1601	Dip coaters	16 kg
92-007-589	DS 1500	Solvent mix for DN1500	Dip coaters	16 kg
92-007-760	PMGE	Solvent general purpose	Dip coaters	4 kg
92-007-692	SM-301	Flow modifier	Dip coaters	100 g





THE FUTURE IS
**SMARTER.
FASTER.
SMALLER.**



THE FUTURE IS HERE.

Ultra Optics announces its latest advancement in lens coating technology.

The new 54R sets a new standard with smarter technology and faster output, while taking up even less space!

ULTRA OPTICS BACKSIDE HARD COATINGS



Technical

- Hard coatings specifically designed for use with Ultra Optics spin coaters.
- All are AR compatible and completely solvent free.

Benefits

- Wide selection- includes tintable and non-tintable options.
- Strong adhesion.
- Exceptional clarity.
- Excellent abrasion resistance.

Recommendations

- Store in a clean, dry environment at room temperature.
- Keep containers closed.
- Use with Ultra Optics spin coating machines.

Order No.	Product	Hardness	Tintability	Adhesion	AR Compatibility	Clarity (less yellowness)	Unit
92-016-029	UV-XBT	●●●●○	●●●●●	●●●●●	●●●●●	●●●●●	105 g Bottle
92-016-028	UV-NV	●●●●○	●●●●●	●●●○○	●●●●○	●●●●○	105 g Bottle
92-016-035	UV-NQ	●●●○○	●●●●●	●●●○○	●●●○○	●●●●○	105 g Bottle
92-016-034	UV-87	●●●●○	●●●●●	●●●●○	●●●●○	●●●●○	105 g Bottle
92-016-031	AST-1	●●●●○	●○○○○	●●●●○	●●●●●	●●●●○	105 g Bottle
92-016-032	AST-2	●●●●●	●○○○○	●●●●●	●●●●●	●●●●●	105 g Bottle

CLEANERS FOR SPIN COATING

Technical

- Pre-coat components for lens prep.
- Designed for Satisloh process and spin coat equipment.

Benefits

- Easy to handle
- Proven quality
- Designed specifically for Satisloh process.

Recommendations

- Store in clean and dry environment at room temperature.
- Keep containers closed.
- Use only in connection with Satisloh spin coating machines.

Ordering

Order No.	Product	Specification	System	Unit
Lens Prep				
92-006-552	PROPASOL	Dry agent additive for DI water	Spin Coater	8 pk: pints
92-007-659	PM Solvent			ea
02-052-685	Suction Cups			
92-006-536	Suction Cups			
92-006-535	Wax Remover			



Lens prep products

Technical

- Satisloh provides lacquers for hard coating of lenses with superior performance.
- The hard coating lacquers are designed for application in Satisloh spin coaters.

Benefits

- Highest abrasion resistance
- Highest adhesion
- One component lacquers (no mixing needed)
- Easy to handle
- Proven quality
- Satisloh provides lacquers for hard coating of lenses with superior performance.
- The hard coating lacquers are designed for application in Satisloh spin coaters.

Recommendations

- Store in clean and dry environment at room temperature.
- Keep containers closed.
- Use only in connection with Satisloh spin coating machines.

Ordering

Order No.	Product	Specification	System	Unit
92-006-821	GT 100	Tintable, solids	Magna-Spin	150 ml
92-006-824	GNT 200	Non tintable, solids	Magna-Spin	150 ml
92-012-859	GT100 Advanced	Tintable, solids	Spin Coater	115 g bottle
92-009-109	MS-P601	Non tintable for poly, solvents	Spin Coater	1 pint bottle
92-008-318	MS-HR853	Non tintable for CR39, Trivex and high index, solvents	Spin Coater	1 pint bottle
92-008-344	MS-U900	Non tintable for poly, CR39, high index, Trivex, solvents	Spin Coater	1 pint bottle

MAGNA-SPIN COATING



Satisloh hard coats combine superior performance in conjunction with AR coatings.

Technical

- Satisloh combi tray can be used for both surfacing and finishing
- Available in standard colors
- Designed for Satisloh automated handling systems

Benefits

- Lens orientation-capable
- Also available: Plastic envelope for the job ticket and tray divider

Ordering Standard Colors

Order No.	Product	Blocking Style	Color	Unit
92-004-727	Combi	Satisloh	White	20 pieces
92-004-730	Combi	Satisloh	Blue	20 pieces
92-004-731	Combi	Satisloh	Red	20 pieces
92-004-732	Combi	Satisloh	Green	20 pieces
92-004-733	Combi	Satisloh	Yellow	20 pieces



Satisloh job trays for surfacing and finishing processes.

Ordering Special Colors (500 qty min. order)

Order No.	Product	Blocking Style	Color	Unit
92-010-049	Combi	Satisloh	Camo	20 pieces
92-009-848	Combi	Satisloh	Pink	20 pieces
92-009-840	Combi	Satisloh	Beige	20 pieces
92-009-839	Combi	Satisloh	Light Blue	20 pieces
92-009-838	Combi	Satisloh	Light Green	20 pieces
92-009-610	Combi	Satisloh	Grey	20 pieces
92-008-343	Combi	Satisloh	Orange	20 pieces
92-005-429	Combi	Satisloh	Purple	20 pieces

Other colors available via special request.

Ordering Inserts

Order No.	Product	Blocking Style	Unit
92-009-058	Tray Divider	Both	1
92-010-328	Rubber Insert	Both	1
92-011-566	GPS Tray Insert	NA	1
92-010-033	Blank on Block Insert	NA	1
92-010-030	Block in Tray Insert	NA	1
05-063-635	Locating Pin	NA	1

Ordering ART Blocking Trays

Order No.	Product	Blocking Style	Color	Unit
92-012-043	Combi	Satisloh ART	Blue	20 pieces
92-012-045	Combi	Satisloh ART	Green	20 pieces
92-012-044	Combi	Satisloh ART	Red	20 pieces
92-012-042	Combi	Satisloh ART	White	20 pieces
92-012-046	Combi	Satisloh ART	Yellow	20 pieces

Lens Finishing Equipment for **Any** Size Need

4Tx
Tracer



3Bx
Blocker



7Ex
Edger



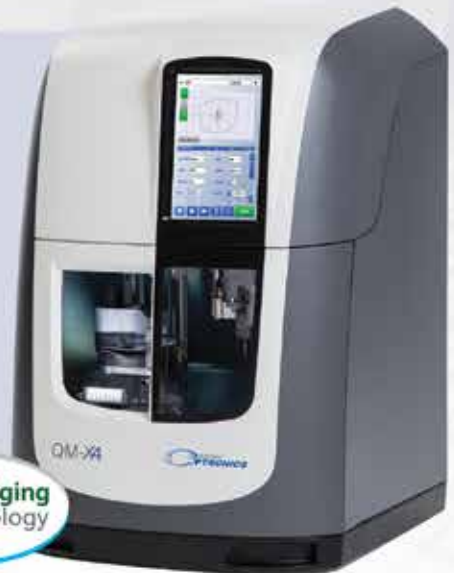
DAC Vision™ is the exclusive U.S. distributor for the National Optronics finishing equipment, parts and consumables.

This innovative equipment was designed primarily around a patented dry-cutting technology.

All National Optronics equipment is reliable, efficient and extremely user-friendly.

QM-X4 Edger

The QM-X4 is a tabletop edger that expands your in-house lens finishing abilities by processing lenses with complex shapes, shelving, milling, and drilling. It's a robust edger, compact and user-friendly package that's backed by the industry-leading engineering and service teams at National Optronics and DAC Vision.



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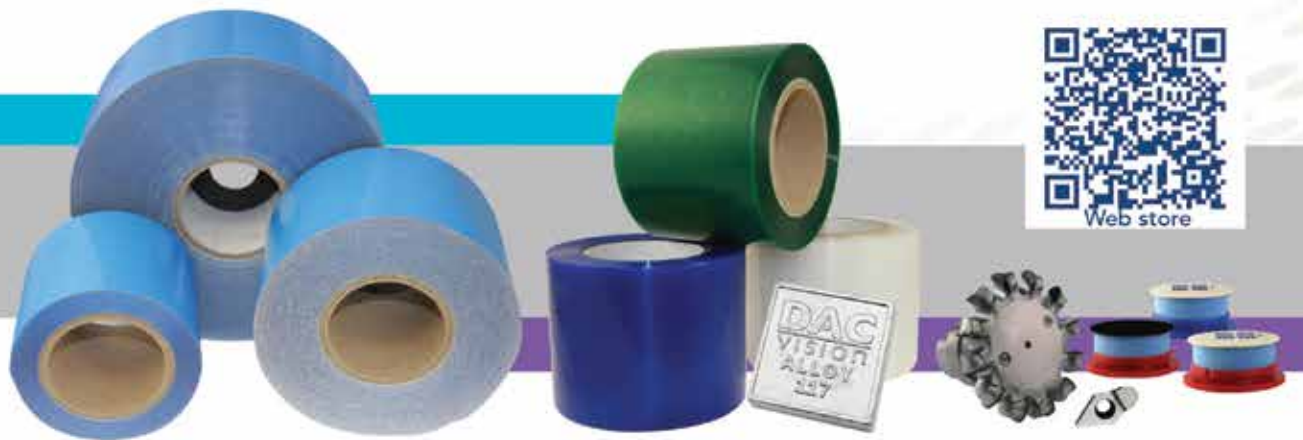
HANDS-ON MACHINE TRAINING

Satisloh Academy offers a variety of machine-specific sessions taught in our Germantown, WI facility by Satisloh factory-certified instructors. These in-depth, hands-on courses provide attendees the depth of knowledge necessary to run Satisloh equipment at optimum capacity.

Your lab professionals will learn everything about specific products from mechanical construction, adjustment and alignment, components, operating devices, software operation and updates to processing and troubleshooting.

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DAC™
VISION

A young man with short brown hair, wearing a dark jacket over a white t-shirt, is focused on working on a complex piece of industrial machinery. He is using a blue tool to adjust a component. The machinery is metallic and has various wires and mechanical parts. The background is a blurred industrial setting.

STEP MAINTENANCE

STEP: SECURE | BASIC PLUS | BASIC

CHOOSE THE SERVICE PLAN THAT FITS YOUR NEEDS

At its core, STEP is a comprehensive equipment and process protection plan portfolio that help ensure continuous, uninterrupted equipment operation and consistent quality production. With Satisloh providing technology management support and training, you can focus your resources on other operations.

Why choose STEP?

- Increased performance - reduced machine downtime, increased production, and remote access and diagnostics
- Optimized yield - expert process and lab support improves lens quality
- Reduced costs - extends equipment lifetime, reduces spart parts costs, optimized consumable usage

CONTACT US TO DISCUSS WHICH SERVICE PLAN BEST FITS YOUR LAB!

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GENERAL SUPPORT

ORDERS & PARTS
QUOTE

Customer Service Phone
262-255-6001
800-866-5640

Regular business hours:
Monday – Friday
7 am – 5 pm CT

Customer Service Email
csrusa@satisloh.com

Monitored during regular business hours:
Monday – Friday
7 am – 5 pm CT

RETURNS

Email
reverselogisticsteam@satisloh.com

Request an RMA:



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Order Satisloh ophthalmic consumables when it's convenient for you. After your account is registered with us, you'll see personalized pricing.

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REQUESTING SATISLOH TECH SUPPORT

NON-EMERGENCY

Scan QR Code; complete & submit online form.
Contact
csrusa@satisloh.com for QR Code machine stickers



Email
service.usa@satisloh.com

Include your

- serial number
- machine type
- contact info (name, phone no., email)
- reason for request

AFTER-HOURS

Phone
262-255-6001
800-866-5640

- Regular business hours: Monday – Friday; 7 am – 5 pm CT
- After-hours: Monday – Friday; 5:00 pm – 10:00 pm CT
- Voice mails sent directly to on-call tech.
- For immediate after-hours service, phone calls are recommended.
- Parts can't be ordered or shipped after-hours, weekends, or holidays.

EMERGENCY

Phone
262-255-6001
800-866-5640

To most efficiently resolve issues:

- Clearly state machine/lab is down in phone calls and emails – these situations are given priority.

SATISLOH SALES TEAM

**DAVID
CHAMBERLAIN**
CONSUMABLES

262-352-4918
david.chamberlain@satisloh.com

**ADAM
MARTIN**
MACHINES

702-521-2285
adam.martin@satisloh.com

**ISAAC
ALTIT**
MACHINES & CONSUMABLES

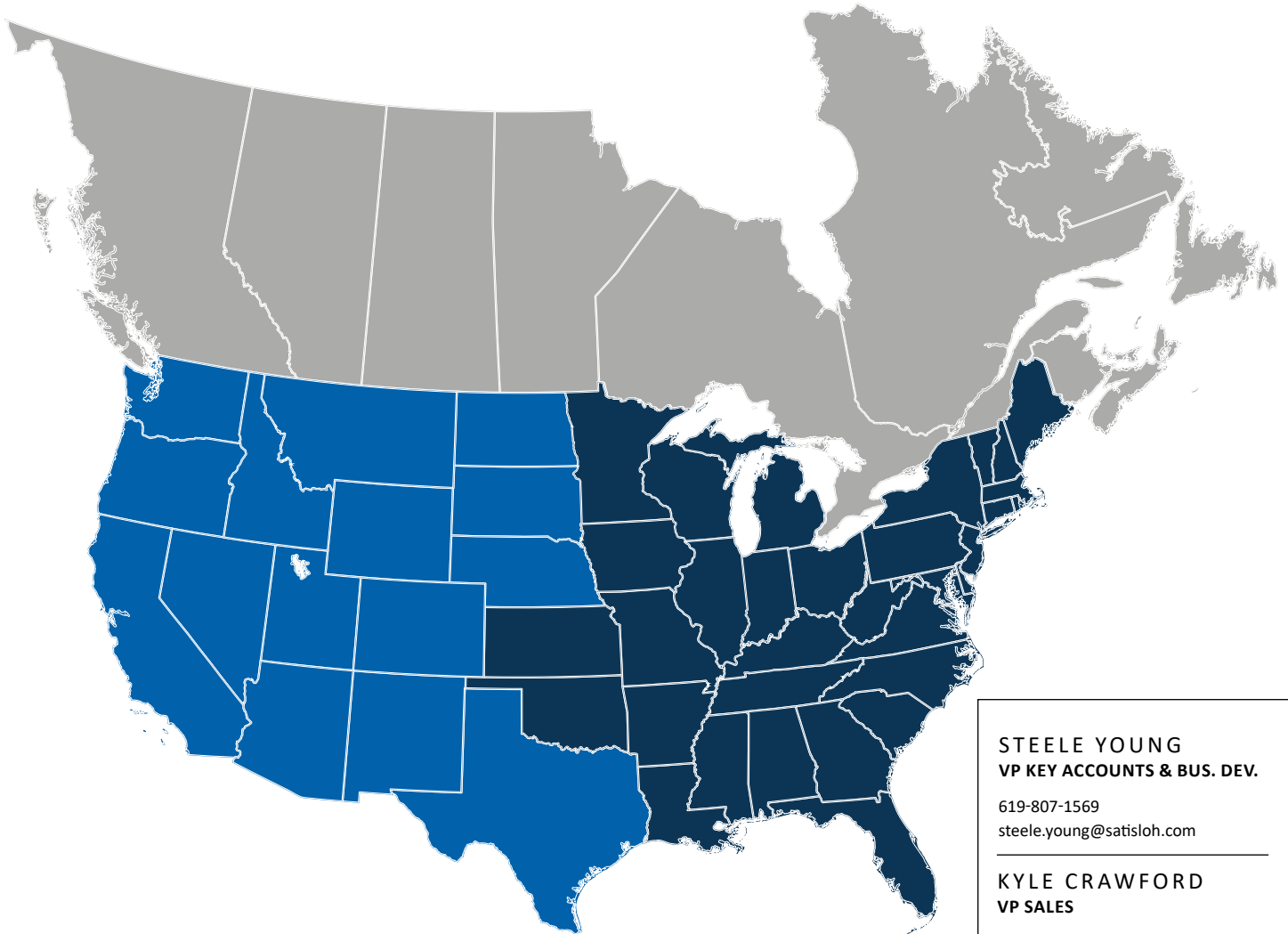
514-659-1322
isaac.altit@satisloh.com

**TONY
ASH**
MACHINES

409-665-8510
tony.ash@satisloh.com

**ED
CLARK**
CONSUMABLES

262-409-9890
ed.clark@satisloh.com



STEELE YOUNG
VP KEY ACCOUNTS & BUS. DEV.
619-807-1569
steele.young@satisloh.com

KYLE CRAWFORD
VP SALES
262-347-5054
kyle.crawford@satisloh.com

RICH HUGHES
PRESIDENT
412-779-4652
richard.hughes@satisloh.com

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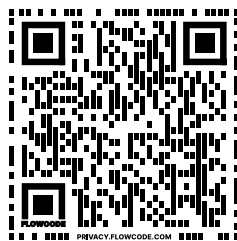
Experts that continue our partnership with you beyond equipment installations. They provide process-specific consumable implementation and identify challenge areas in lens processing – providing recommendations and resolutions to improve quality and throughput.

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