

Machinery Interface


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Complex Cribbing Updates

- Integrated with Digital Fill
 - Will Complex Crib if Digital Fill fails
- Activated for Varilux X/S designs
 - Previously not possible due to Essilor's block selection
 - Block selected by Essilor now integrated with Complex Crib calculation


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Enhanced Essilor Processing

- Blank center grind option for enhanced front side designs:
 - Digitally-enhanced front-sided progressives
 - Designs that use HD01 / HD02 base pucks
 - Varilux X/S styles
- Benefits:
 - Smaller block selection
 - Circular crib

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A.R.T. Blocker Support

- Options for controlling glue thickness at block center and edge
- Manual A.R.T. blocker support
- Glue consumption reporting by Archive Report
- Dual alloy / A.R.T. processing support for digital vendors

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New Filter Machinery Filter Options

- Up to 10 filters per device port
- Set Operator ID
 - Ideal for tracking inspectors on Focovisions
- /SET option preferred for all supported VCA records
- Over 500 VCA records supported
- /SET_RT:<oma field> /SET_LT:<oma field>

Data Type	Operator	Value(s)	Eye(s)	Filter Result
Slow Macro	=	TRUE	Right	/SET_RT:LMATID=99
Slow Macro	=	FALSE	Left	

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New Port Options

- /PRNTRC and /PRNTRC2
 - Print workticket on jobs after they are traced
 - PRNTRC2 option suppress print on jobs still in combob
- /2EYEBO
 - Two eye breakage lockout – only send eye that was broken to machine
- /NOBRKLO
 - Suppress Breakage Lockout by Machine/Port

Rmt	Port	Dev	Type	R	Comment	MachWiz
10	1	TRACER	OMA TRACER		/PRNTRC SANTINELLI LT980	
10	2	TRACER	OMA TRACER		SANTINELLI LT980	
10	3	TRACER	OMA TRACER		SANTINELLI LT900	

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INF Response

- Port options for controlling INF responses to machines
 - /INF – force port into INF mode
 - /INF_LO – Only send eye that has not been processed on device
- New internal switches for:
 - Job surface blocked
 - Job surfaced
 - Job finish blocked
 - Job edged
 - Job engraved
 - Job deblocked

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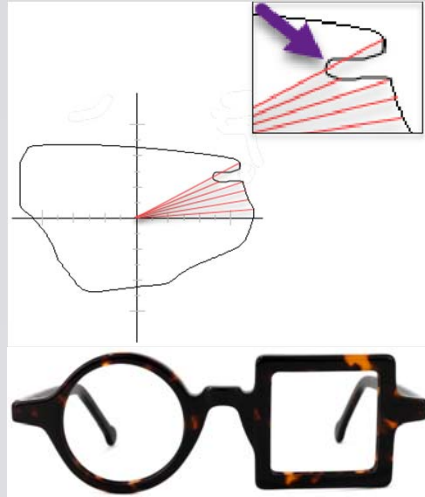
Slaboff Processing Options

- One pass digital
- Two pass cut-to-polish
- Two pass digital (block on axis 0)
- Schneider one-pass dual digital surface
 - Lens stays in chamber for both passes
- Automatic split-slab prism on all “two pass” slaboffs
 - Leverages blocked prism for part of slab to achieve higher slab prism limit

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Updated Pattern Database

- Revamp of database file structure
- Flexible to support future development of:
 - Non-standard shapes
 - Shelf beveling
 - Asymmetrical shapes
- Requires database conversion
- Enhancements to continue




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Balance Lens Support on Digital Jobs

- Vendor digital design in one eye, balance SV (or conventional) in other:
- Supported for all vendors (with exception of Zeiss file-based processing)

	Lens	Material	Color	Add	Seght	Thck	E/C
R	⊖ AUTO III 15	PLY	CLR	225	20.0		
L	⊖ SV	PLY	CLR				


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New Machinery


- RAX and other ASRS inventory systems
 - RAX
 - Schneider Warehouse system
 - Modula system
- Essilor Decide inspection device
- MEI Safety etching/logo support
- Schneider HSE edger
- Satisloh MES System / INF support
- Satisloh EC excimer Laser
- Optotech OTL-100 UV Laser
- Schneider control center
- Coburn Technologies Velocity coater
- Ultra-Optics 54R Coater

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Ordering or Installing New Equipment?


Machinery Manufacturer is new to our industry



Please contact DVI prior to purchase if:

Bleeding Edge technology

You have *any* concerns

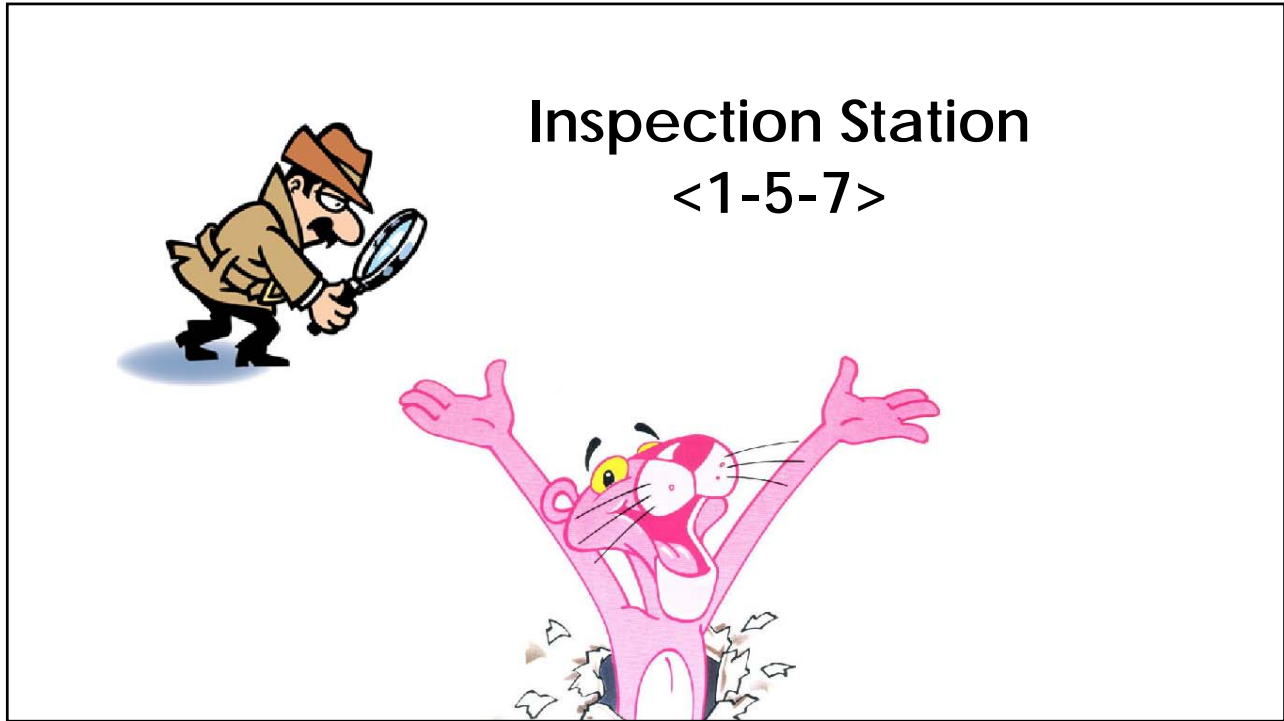


Verify support for new device and manage expectations



Please schedule installations with DVI to ensure support staff are available

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Inspection Station <1-5-7>

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dvi DVI Inspection Station

Commands **Configure** Lensmeter Procedures

Tray: 407! Rx: 1018641449 Inv: 238432

Use Invoice

	RIGHT	SPH	CYL	AXIS	IN/OUT_PRISM	UP/DN_PRISM	MPD	ADD	SGHT	OCHT
Rx		-2.75	-0.50	60	▼	▼	31.0			19.2
Actual					▼	▼				
Diff										

	LEFT	SPH	CYL	AXIS	IN/OUT_PRISM	UP/DN_PRISM	MPD	ADD	SGHT	OCHT
Rx		-2.75	-0.50	75	▼	▼	31.0			19.2
Actual					▼	▼				
Diff										

Prism Imbalance

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DVI Inspection Station
 Commands **Configure** Lensmeter Procedures

Tray: **Surface Inspection**
 Use Total Power
 Use Invoice

Rx: **1018641449** Inv: **238432**

	RIGHT	SPH	POW	AXIS	IN/OUT_PRISM	UP/DN_PRISM	MPD	ADD	SGHT	OCHT
Rx		-2.75	-3.25	60			31.0			19.2
Actual										
Diff										

	LEFT	SPH	POW	AXIS	IN/OUT_PRISM	UP/DN_PRISM	MPD	ADD	SGHT	OCHT
Rx		-2.75	-3.25	75			31.0			19.2
Actual										
Diff										

Prism Imbalance

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DVI Inspection Station
 Commands **Configure** Lensmeter Procedures

Tray: **Pibiuwvia** Rx: **58866705** Inv: **235407**
 Use Invoice

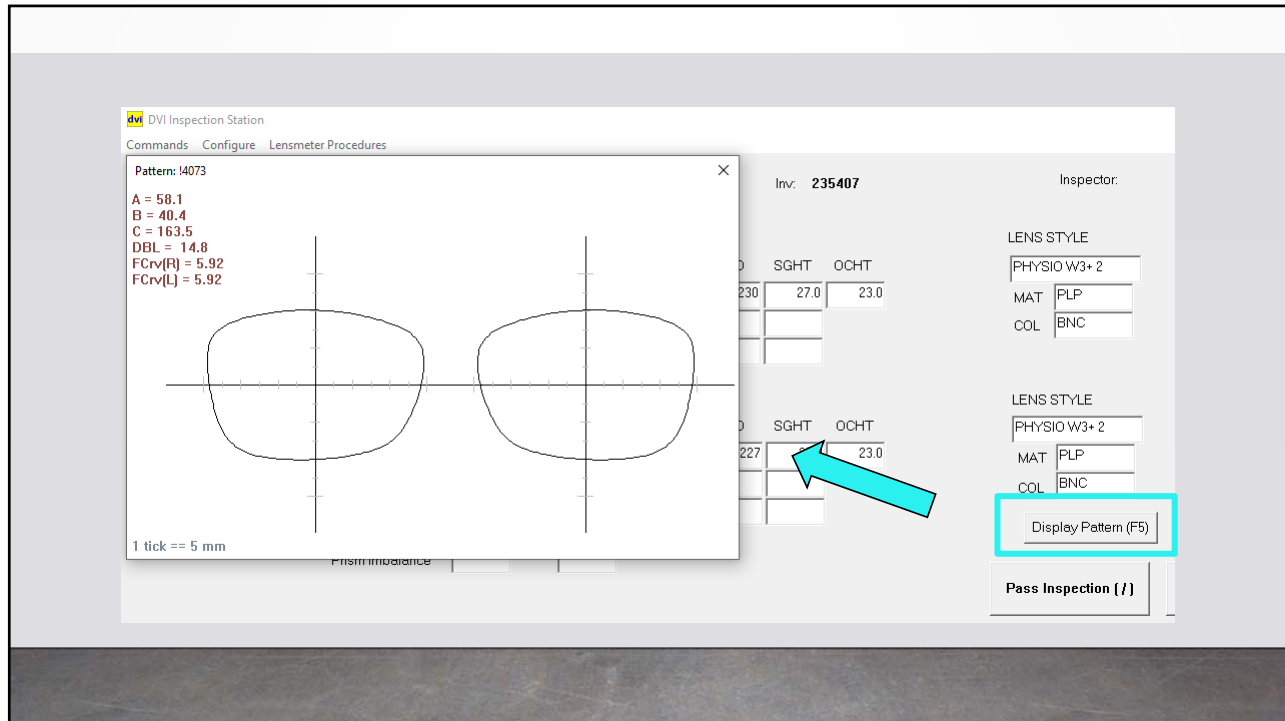
	RIGHT	SPH	CYL	AXIS	IN/OUT_PRISM	UP/DN_PRISM	MPD	ADD	SGHT	OCHT
Rx		-6.28	-0.74	154	O 0.00	D 0.25	30.5	230	27.0	23.0
Actual										
Diff										

	LEFT	SPH	CYL	AXIS	IN/OUT_PRISM	UP/DN_PRISM	MPD	ADD	SGHT	OCHT
Rx		-1.51	-1.91	16	I 0.00	D 0.25	30.0	227	27.0	23.0
Actual										
Diff										

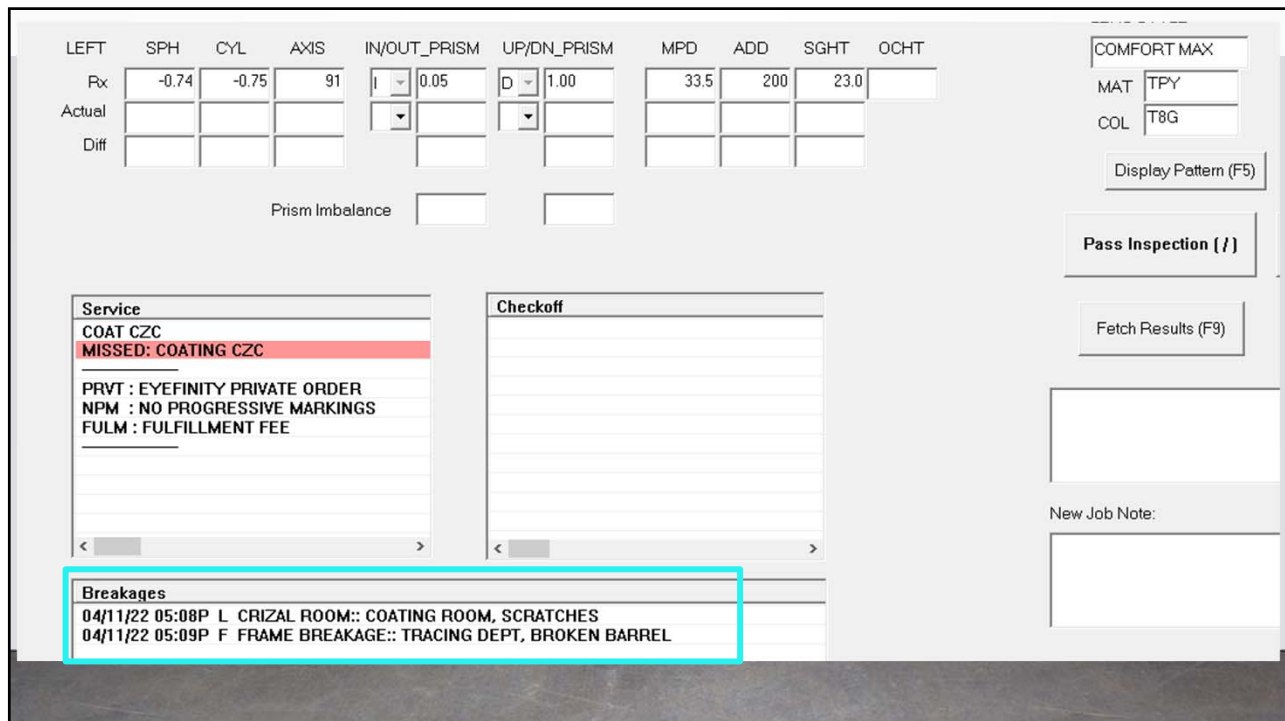
Prism Imbalance

Service	Checkoff
SCRN 1.0 THICKNESS	
REVW : RX REVIEWED	
SPS0 : SECOND PAIR SPECIAL QUALIFIER	

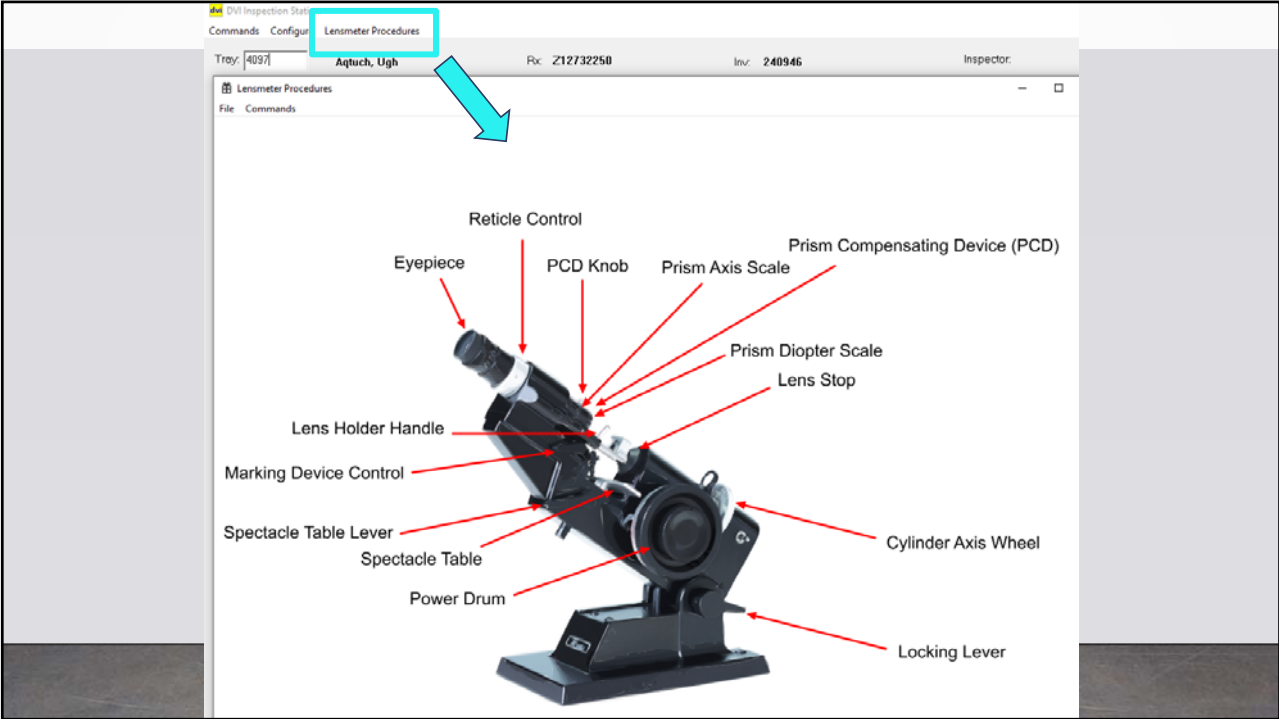
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