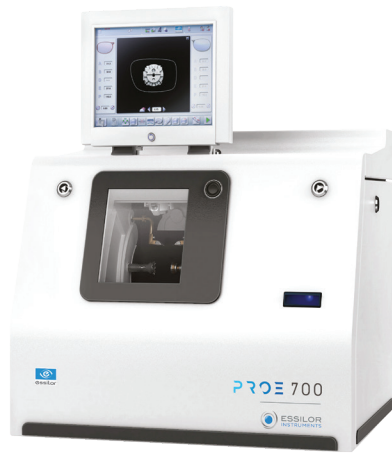


EssilorLuxottica



WORLDWIDE LEADER IN FINISHING SYSTEMS

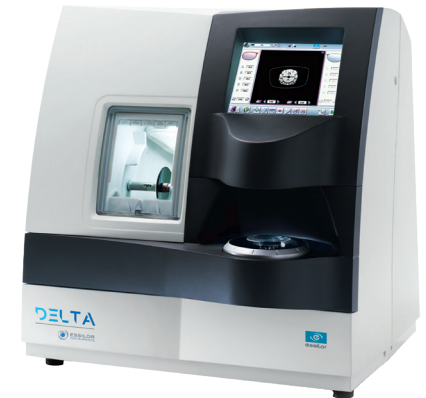


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EDGING FUNCTIONS

Standard and Advanced Finishing



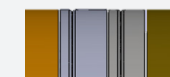
CONFIGURATION

- 0.75 mm bevel height
- 3 wheels set for all plastic materials
- 4 wheels set for all materials including mineral
- 15, 19, 22 mm wheel widths for different lens thicknesses
- Round-edge roughing wheel for securing high-curve lens

Examples



3 wheels set



4 wheels set

DURABLE LIFE TIME

- 155 diameter wheel
- Lens swapping on roughing wheel
- Automatic cleaning of polishing wheel



Polishing wheel cleaning kit

MAINTENANCE

- Easy replacement depending on the model. Available with the ES™ series and the Pro-E series.
- Easy size adjustment

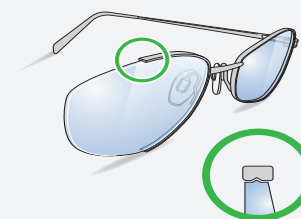
Refer to your technician for additional information

Available on all edgers
 3 wheels set: Neksia 550, Pro-E™ 600, Pro-E 700
 3 or 4 wheels set: Neksia™ 400, Neksia 500, ES 700, ES 700M, ES 800, ES 800M



MINI-BEVEL

- Aesthetically-pleasing thin frame fitting
- Mini bevel height: from 0.30 mm to 0.75 mm
- Easy bevel configuration directly on the main screen

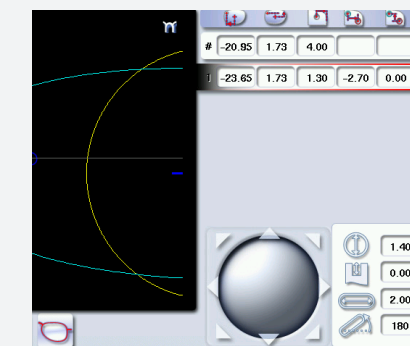


Available on ES 700, ES 700M, ES 800, ES 800M, Pro-E 600, Pro-E 700



DRILLING

- Integrated drilling function for perfect positioning
- Hole, slot, notch, non-through drilling
- 2 drill bit sizes (0.8 and 1.0) for durability and speed
- Holes from 0.8 mm to 3.0 mm
- Holes quantity up to 20
- Slot and notch width up to 5 mm
- Slot and notch angle position from 0 to 90 degrees
- Automatic and adjustable tilt angle from front and rear lens face
- Hole size compensation according to the tool wear



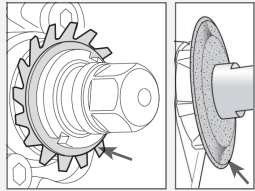
Available on
 Tilt 15°: Neksia D
 Tilt 0-30°: ES 700, ES 700M, ES 800, ES 800M, Pro-E 600, Pro-E 700

EDGING FUNCTIONS

Standard and Advanced Finishing

GROOVING

- Integrated grooving function
- Grooving wheel design to secure the groove width stability regardless of the lens curve
- Adjustable width from 0.6 mm to 1.2 mm
- Adjustable depth from 0.2 mm to 1.2 mm

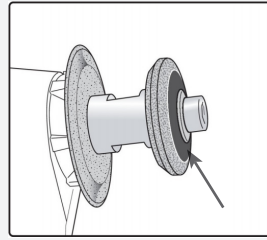


Grooving wheels

Available on all edgers
Tilt 15°: Neksia™ D
Tilt up to 30°: EST™ 700, ES 700M, ES 800,
ES 800M, Pro-E™ 600, Pro-E 700

CHAMFERING

- Integrated chamfering function
- Unique Essilor patent with flexible wheel
- Perfect follow-up of the lens curvature
- Consistent chamfer width all around the lens
- Front and back
- Adjustable width
- Standard width: thin (0.2 mm) and large (0.4 mm)

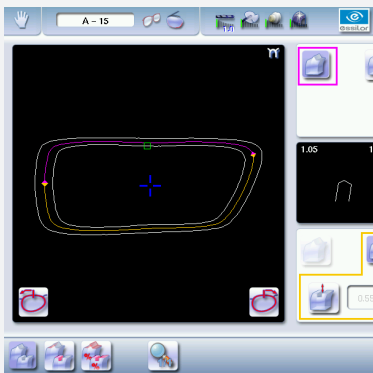


Chamfering wheel mounted on flexible component

Available on all edgers
Tilt 15°: Neksia D
Tilt up to 30°: ES 700, ES 700M, ES 800,
ES 800M, Pro-E 600, Pro-E 700

MIXED FINISHING

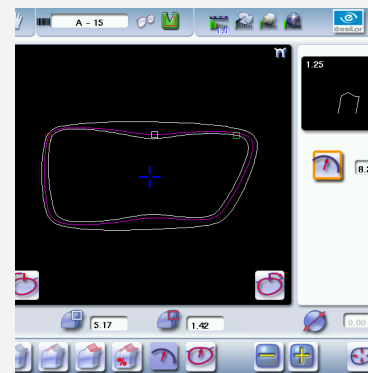
- Specific frame design
- Combination of 3 different types (groove-bevel-flat edge)
- Finishing type with any design (bevel-bevel, groove-groove, groove-flat edge, etc.)
- Configurable sector
- Automatic and aesthetically-pleasing merge between sectors



Available on ES 700, ES 700M, ES 800,
ES 800M, Pro-E 600, Pro-E 700

CUSTOMIZED FINISHING

- Complete adaptability of bevel and groove positions
- Position in the lens thickness (front and rear surface tracking, distributed and/or position percentage)
- Frame rim or lens curve tracking
- Curve modification (general or at a particular point)
- Curve displacement



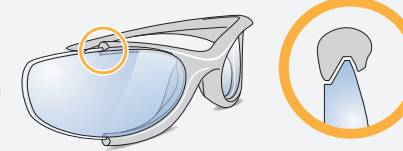
Available on all edgers

EDGING FUNCTIONS

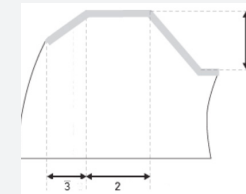
Specific Bevel

HIGH-CURVE BEVEL

Process lenses for wrap-around frames with an optimized bevel design for a perfect fit

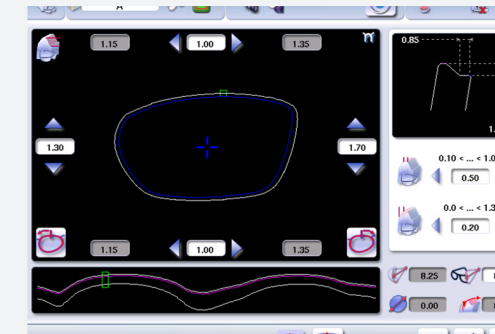


- Binocular 3-D tracing of full-rim frames (tracer function)
- Automatic adjustment of centering data based on 3-D parameters of the frame
- Adjustment of high-curve bevel height on 4 to 8 points
- Automatic frame trajectory follow-up to harmonize as best as possible the lens base, frame base and shape



Cross-sectional view of a high-base bevel

- 1: Value of shelf bevel of rear surface
- 2: Width of the flat side of the bevel
- 3: Front surface tracking value



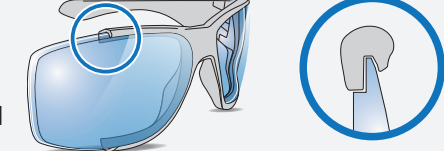
Shape of the bevel (width, height, etc.) defined up to 8 locations

i For the quality of the job, the lens base must always match the frame base perfectly.

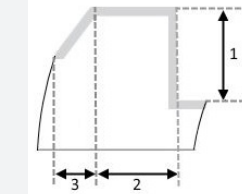
Available on
Up to wrap 25°, Base 8: Neksia 550,
Up to wrap 30°: Base 9: EST™ 700, ES 700M,
ES 800, ES 800M, Pro-E™ 600, Pro-E 700

STEP BEVEL

A step-bevel profile is particularly suited for rimmed sport frames and safety glasses with:

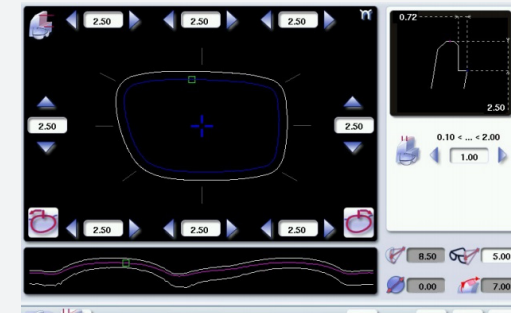


- A deep rectangular frame groove profile
- A frame groove with the back side longer than the front side



Cross-section of a step bevel

- 1: Value of shelf bevel of rear surface
- 2: Width of the flat side of the bevel
- 3: Front surface tracking value



Shape of the bevel (width, height, etc.) defined up to 8 locations

i For the quality of the job, the lens base must always match the frame base perfectly.

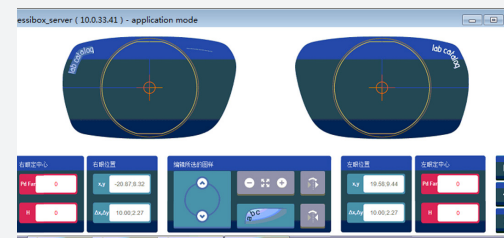
Available on
ES 800, ES 800M, Pro-E 600, Pro-E 700

EDGING FUNCTIONS

Specific Jobs

ENGRAVING

A unique engraving process, easy-to-use and completely integrated in the edging routines. From initials and sports insignia to Chinese calligraphy and more, engrave a range of images and infinite texts.



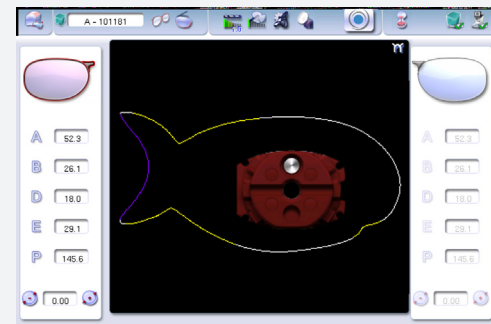
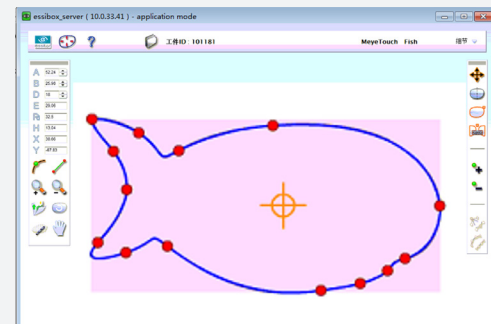
A unique engraving tool, non-invasive for the coating

Available on
ES™ 800, ES 800M, Pro-E™ 700

CREATIVE SHAPE

This function allows you to create your own shapes:

- Using the pre-cut patterns
- Modifying the available forms
- Creating your own patterns



The colors symbolize the various tools that will be used to machine the shape:

- Mill bit
- High-base wheel
- Large wheel

Available on
ES 800, ES 800M, Pro-E™ 700

SUPER CHAMFERING

This function helps to obtain an aesthetically-pleasing and safe mounting in the case of a negative thick lens edge, due to the super chamfering wheel.



The answer to a 'thick' lens edge that brings attractiveness and safety

Super chamfer wheel

Available on Pro-E 700

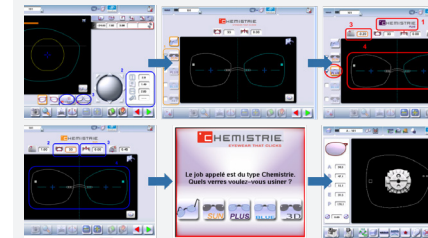
Need Essibox® solution

EDGING FUNCTIONS

Specific Jobs

CHEMISTRIE™

- A technology that attaches sun/reader/3D/blue-cut lenses to any prescription eyewear using magnets embedded in the lenses
- Designed to be lightweight with a dedicated triacetate lens
- Lenses are available in multiple base curves to fit virtually any frame curve



Chemistrie™ processing feature



Starter kit composition

- A dedicated, guided process with Chemistrie screens and buttons to save time
- A secure process of the job with pre-settings values that can be adjusted
- Optimized and dedicated edging process for sun/reader/3D/blue-cut lenses
- One single job number to process either Rx frames and/or Chemistrie clips
- Easy drilling process for square magnets
- A starter kit that includes lenses, consumables and necessary tools (starter kit as an option for Pro-E™ 700)

Available on ES™ 800, ES 800M and Pro-E 700

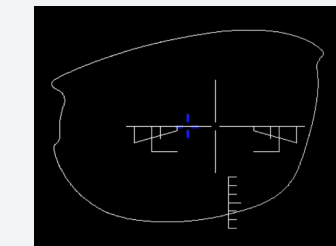
Need Essibox® solution

HALF JACKET®

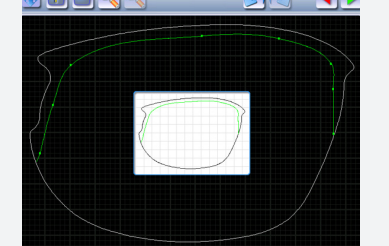
The Half Jacket endurance sport frame requires partial step beveling to fit into a portion of the frame and protrusions on the lens to hook into indentations in the frame groove.



- Advanced optical tracing of the external shape to detect protrusions of the demo lens (tracer)
- Assisted design of the step bevel shape with a touch screen (edger)
- Completed job saved in Essibox for future use



Optical tracing with protrusions detections



Define the partial step bevel

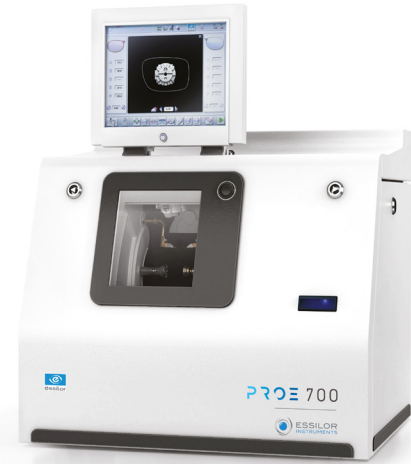


Available on ES 800, ES 800M and Pro-E 700

Need Essibox® solution

PRO-E SERIES

Edgers designed to meet lab expectations



PRO-E™ 700



PRO-E™ 600

VERSATILITY

- All types of mountings and finishing
- All materials except glass

PRODUCTIVITY

- Productivity gain: Up to 50%¹
- Groove: 3X faster¹
- Drill 4 holes: 2X faster¹
- Dry milling to secure hydrophobic lenses as fast as roughing wheels cycles²
- Start/stop mechanical button and bar code scanner embedded

PRECISION

- Top-end edger precision
- Advanced processes to enable faultless sizing, axis control and attractive mountings

EASY INTEGRATION

- Compact tabletop format
- No need for compressed air
- Intuitive and user-friendly MMI
- Large range of configurations

ROBUSTNESS

- Specific durable tools
- Easy and fast maintenance processes

PRO-E™ 700

Chemistrie™

Creative Shape

Engraving

Half Jacket®

Super Chamfering

PRO-E™ 600

Step Bevel

Step Bevel

High-Curve Bevel
Up to wrap 30°, Base 9

High-Curve Bevel
Up to wrap 30°, Base 9

Milling

Milling

All types of mixed jobs

All types of mixed jobs

Drilling Tilt up to 30°

Drilling Tilt up to 30°

Chamfering

Chamfering

Grooving

Grooving

Polishing

Polishing

Flat-edge Finish

Flat-edge Finish

Mini Bevel

Mini Bevel

Bevel

Bevel

Need Essibox® solution

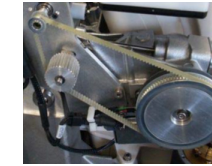
¹ Versus standard ECP table-top finishing system
² Versus 2 stars cycle

PRO-E SERIES

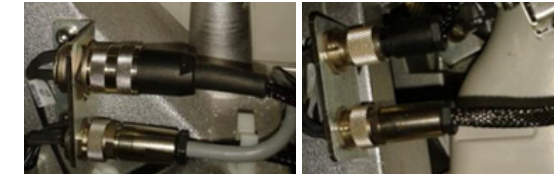
Edgers designed to meet lab expectations of high productivity and uncompromising quality

PLAY COMPENSATION SYSTEM

Electro-mechanical system to eradicate all plays in the lens rotation system to ensure perfect drilled shapes



ROBOTIC CABLE & CONNECTION



STRAIN GAUGE

All edging efforts on the lens constantly measured to optimize the cycle time without compromise on the axis deviation

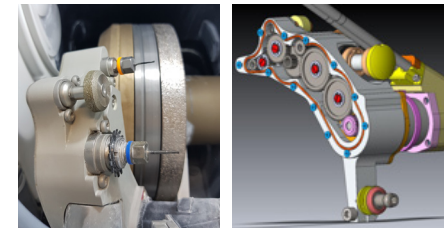


TEMPERATURE COMPENSATED REPRODUCER

Lens sizing mastered regardless of the edging volume



LONGER LIFETIME FOR PARTS AND TOOLS



MILLING



Dry cutting process to fully secure lens axis deviation during roughing and eliminate bad smell from MHI



FEELER METAL PIN
Perfect lens thickness measurement with free wear pin



ADVANCE CLAMPING SYSTEM
Ensure repeatable and constant lens clamping pressure



WECO BLOCK COMPATIBILITY

EASY AND FAST MAINTENANCE



DESIGNED FOR PRODUCTIVITY



A unique start button Embedded barcode reader

ES™ SERIES

Cutting-edge technology to master edging and reveal creativity



SIMPLIFIED WORKFLOW. ENHANCED PRODUCTIVITY

- Optical tracing time reduced by up to 75%
- Blocking and centering time reduced by up to 20%
- Edging time reduced by up to 19%

OPTIMIZED AXIS PRECISION

- Roughing cycle automatically adapts to the curves of lenses up to base 10
- ES 700M and ES 800M bring together a hybrid milling and grinding technology to help ECPs ensure absolute axis control, even for slippery, hydrophobic, or delicate lenses
- With the eco-friendly dry-cut technology, ES 700M and ES 800M can also reduce wet lens waste and unwanted odors

DESIGNED WITH ECPs AND CUSTOMERS IN MIND

- High-quality materials and sleek modern silhouettes, an easy fit in any workspace
- Compact and user-friendly edging systems
- Ergonomic multi-touch screens and an intuitive interface

INSPIRE YOUR CUSTOMERS AND REVEAL YOUR CREATIVITY

- ES 800 and 800M are the perfect solution to demonstrate your craftsmanship and reinforce your expertise
- With the M'EYE CUSTOM web app, ECPs can inspire customers with unique personalized eyewear styles
- Easily engrave lens with M'Eye Sign™, customize lens shape with M'Eye Shape™, offer clip-on solutions with M'Eye Clip™, and even integrate crystal pavé with M'Eye Diamond™

ES™ 700

High-Curve Bevel Up to wrap 30°, Base 9	All types of mixed jobs	Drilling Tilt up to 30°	Chamfering	Grooving	Polishing	Flat-edge Finish	-	Bevel
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ES™ 700M

Milling	All types of mixed jobs	Drilling Tilt up to 30°	Chamfering	Grooving	Polishing	Flat-edge Finish	-	Bevel
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ES™ 800

Crystal Pave	Creative Shape	-	Step Bevel	-
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ES™ 800M

Crystal Pave	Creative Shape	Half Jacket®	Step Bevel	Milling
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▾ Need Essibox® solution

NEKSIA™ SERIES

The efficient edging solutions for the daily workflow



EASIER WORKING PROCESS

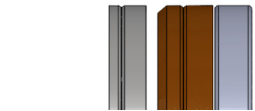
- 8.4-inch user-friendly touchscreen
- Fast-access settings
- 1,000-job database

EXPERIENCE WORKFLOW EFFICIENCY

- Fast, easy and extended frame tracing
- Automatic drilling-hole recognition
- Convenient centering and blocking

ACHIEVE HIGH PERFORMANCE

- Improved axis accuracy
- Best automatic cycles
- Patented flexible chamfering wheel



Specific new wheels set for high-curve lens

NEKSIA 400

Polishing	Flat-edge finish	Bevel
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NEKSIA 500

Chamfering	Grooving	Polishing	Flat-edge Finish	Bevel
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NEKSIA 550

High-Curve Bevel	Chamfering	Grooving	Polishing	Flat-edge Finish	Bevel
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NEKSIA 600

Drilling Tilt 0-15°	-	Chamfering	Grooving	Polishing	Flat-edge Finish	Bevel
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NEKSIA 650

Drilling Tilt 0-15°	High-Curve Bevel	Chamfering	Grooving	Polishing	Flat-edge Finish	Bevel
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DELTA SERIES

All your workshop concentrated in this all-in-one station

PROFIT FROM A COMPACT, HIGH-PERFORMANCE SYSTEM THAT COVERS ALL THE ESSENTIALS

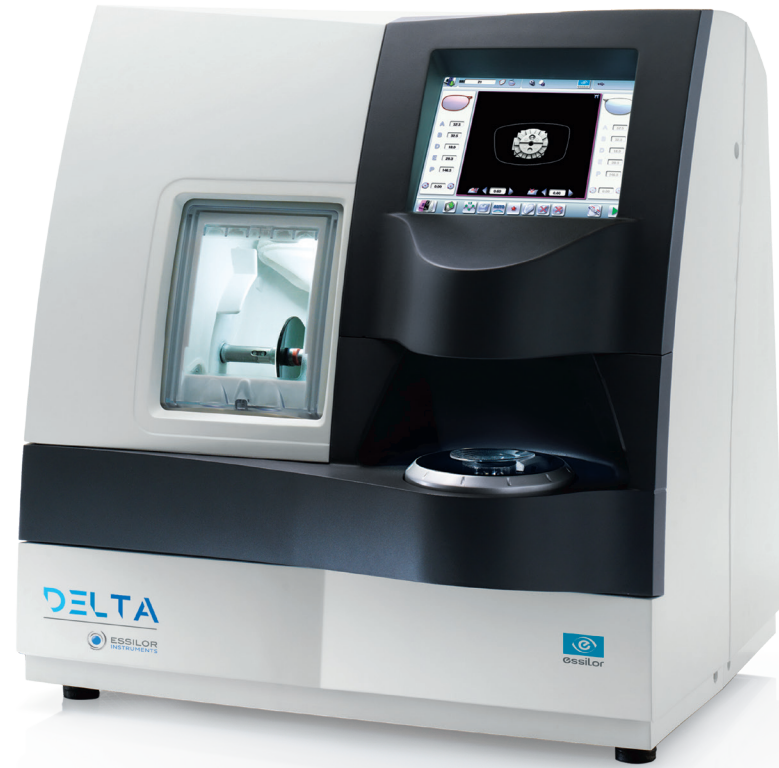
- Tracing of all types of lenses including demo lenses and recut lenses
- Centering and blocking of all kinds of corrective lenses including recut lenses
- Edging of all types of materials up to base 6 including hydrophobic lenses

NO COMPROMISE ON THE AESTHETIC RESULTS

- Advanced bevel and grooving placement features with the ideal bevel position
- Automatic setting of the grooving/drilling angle according to the lens curve up to 15°

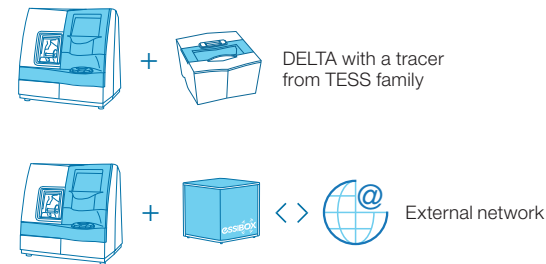
MANAGE ALL TASKS USING AN ALL-IN-ONE HIGH-PERFORMANCE DISPLAY

- Natural posture reducing muscle stress
- No need to move from one piece of equipment to another



CONNECT YOUR DELTA WHEN NEEDED

For very special frames or for remote edging services, Delta can be connected:

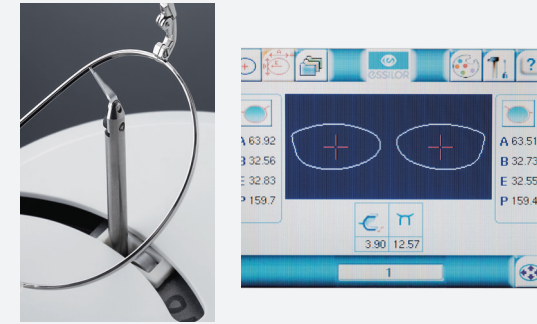


DELTA 300	
DELTA 200	Drilling Tilt 0-15°
Chamfering	Chamfering
Grooving	Grooving
Polishing	Polishing
Flat-edge finish	Flat-edge Finish
Bevel	Bevel
Centering	Centering
Manual blocking	Manual blocking
Optical tracing	Optical tracing

TRACER SOLUTIONS

Complete range to meet all the professional needs

REMOTE EDGING SOLUTIONS



TESS

Patented frame groove acquisition for a perfect lens size adjustment and fitting



REINFORCE TRACING TABLE FOR LAB VOLUME*



L-TESS



Shape

-

User comfort

Shape modification



High-curve shapes (up to base 9)



PRO-B 300



A pedal (optional)

Start the blocking process without touching the screen.



Weco block compatibility



Pro-B 300 With or without robust reinforced tracing table

PROB 300

Centering-Blocking

Auto-recognize holes

Advanced creative shape

Pedal for blocking (option)

Weco block compatibility

Semi-automatic centering-blocking

Lab use

Shape and drilling libraries

-

User comfort

Shape modification

-

PROB 300

Tracing

Centering-Blocking

Auto-recognize holes

Advanced creative shape

Pedal for blocking (option)

Weco block compatibility

Semi-automatic centering-blocking

Lab use

Shape and drilling libraries

Reinforced table (>100kjob)

User comfort

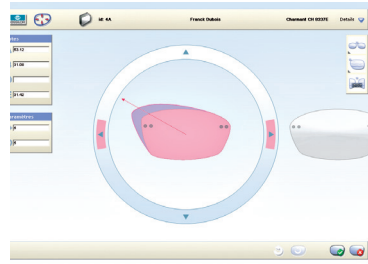
Shape modification

High curve frame (up to base 9)

*Lifetime: more than 100,000 jobs

The connectivity solution to increase the lab efficiency

Essibox connects multiple devices and centralizes all data flows for higher lab efficiency and lower errors. Designed around an open communication system, it is an upgradable solution that enables the addition of new functions and services to improve the configuration and profitability.



CREATION OF PERSONALIZED SHAPES AND DRILLING PATTERNS

- Shape- and drilling-creation module
- A user-friendly design based on the underlying principles used for computer-aided design software



UNLIMITED STORAGE CAPACITY AND INTEGRATED DATABASE

Create an unlimited archive of shapes and drilling models with easy management of the libraries:

- Multi-criteria searches (search by manufacturer, by collection or by model)
- Immediate visualization of the shape and related drilling pattern



JOB MANAGEMENT AND LMS (LAB MANAGEMENT SOFTWARE) CONNECTION

- Automatic data transfer (shape, prescription, height, PD, lens type, etc.) to the centering and edging system with barcodes
- Visualization and management of all jobs and their states of progress
- Full integration within the lab and/or storage network for easy and quick access



MULTI-SITE

Centralized workshop and/or job transfer between shops:

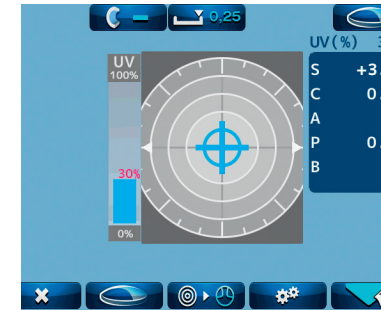
- Delegation for capability needs
- Delegation for functionality needs (creative shape, etc.).
- Delegation for availability

Simple and reliable measurement



EXTENDED MEASURING CAPACITIES

Lens support adapted to all lenses, frame curves and high base curves. The wide space under the base allows excellent positioning of frame temples.



UV TRANSMISSION

Measurement of lens power and UV transmission are simultaneously carried out and displayed on the main screen.



INTER-PUPILLARY DISTANCE

An exclusive design featuring two nose supports makes operations simple and efficient.



ALM 500



ALM 700



ALM 800

ALM 500

Green light beam

Automatic detection of lens type

Printer

Data transfer

Tilting color screen

All types of lenses and frames measurement

ALM 700

UV transmission measurement

Inter-pupillary distance measurement

Curved and tinted lenses measurement

Touch screen

Green light beam

Automatic detection of lens type

Printer

Data transfer

Tilting color screen

All types of lenses and frames measurement

ALM 800

Quantification of blue-violet light

UV transmission measurement

Inter-pupillary distance measurement

Curved and tinted lenses measurement

Touch screen

Green light beam

Automatic detection of lens type

Printer

Data transfer

Tilting color screen

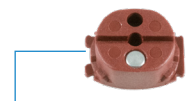
All types of lenses and frames measurement

LAB ACCESSORIES

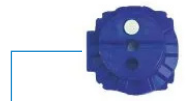
CONSUMABLES



■ Edging block
Ø 22 mm
pack of 20
Ref: GAM222



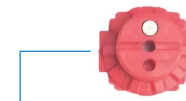
■ Edging block
Ø 18 x 14 mm
pack of 20
Ref: GAM218



■ Edging block
Ø 22 mm pack
of 10 - Right (blue)
ES series
Ref: GAM232



■ Edging block
Ø 18 x 14 mm pack
of 10 - Right (blue)
ES series
Ref: GAM238



■ Edging block
Ø 22 mm pack
of 10 - Left (red)
ES series
Ref: GAM233



■ Edging block
Ø 18 x 14 mm pack
of 10 - Left (red)
ES series
Ref: GAM239



■ Weco/Vario
blocker holder
Ref: M40A17



■ Blocker holder
Ø 22 mm
left side
Ref: M24A16



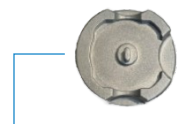
■ Blocker holder
Ø 18 x 14 mm
left side
Ref: M24A15



■ Edging pads
Ø 22 mm roll
of 1000
Ref: GAM403



■ Edging pads
Ø 18 x 14 mm roll
of 1000
Ref: GAM316

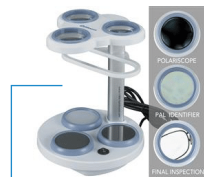


■ Pad Aligner
ES series
Ref: L80K02

MOUNTING TOOLS



■ Hand Edger
All materials
Ref: N65806
N65802



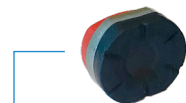
■ PAL Engraving
Identifier Plus
Ref: PAL-ID2



■ Lens Inspection
Station Plus
Ref: PAL-ID3



■ Ink marking remover
Ref: 99-AOE



■ Weco/Vario clip-on
clamping chuck,
19 -17
Ref: M24A19

MEASURING TOOLS

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SPECIFICATIONS

Edging Functions

	Delta 200	Delta 300	Neksia 400	Neksia 500	Neksia 550	Neksia 600	Neksia 650	ES™ 700	ES 700M	ES 800	ES 800M	Pro-E™ 600	Pro-E 700
110V (4 wheels) ①		M16885											
110V (3 wheels) ②	M16875		M25105	M25175	M25178	M25185	M25188	M8000006	M8000005	M9000006	M9000005	M40157	M40159
220V (4 wheels) ①													
220V (3 wheels) ②												M40057	M40059
Bevel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mini Bevel										✓	✓	✓	✓
Flat-edge Finish	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Polishing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Grooving	✓	✓		✓	✓	tilt 15°	tilt 15°	tilt up to 30°	tilt up to 30°	tilt up to 30°	tilt up to 30°	tilt up to 30°	tilt up to 30°
Chamfering	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Drilling		tilt up to 15°				tilt up to 15°	tilt up to 15°	tilt 0-30°	tilt 0-30°	tilt 0-30°	tilt 0-30°	tilt 0-30°	tilt 0-30°
All types of mixed jobs								✓	✓	✓	✓	✓	✓
Milling (Super hydrophobic lens)									✓		✓	✓	✓
High-curve Bevel					Up to wrap 25° Base 8		Up to wrap 25° Base 8	Up to wrap 30° Base 9	Up to wrap 30° Base 9	Up to wrap 30° Base 9	Up to wrap 30° Base 9	Up to wrap 30° Base 9	Up to wrap 30° Base 9
Step Bevel										Height up to 3.5 mm	Height up to 5.5 mm	Height up to 5.5 mm	Height up to 5.5 mm
Super Chamfering													✓
Half Jacket®											✓		✓
Engraving										✓	✓		✓
Creative Shape										✓	✓		✓
Chemistrie™ (clip)										✓	✓		✓
Weco block type adaptor			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

All 220VAC machines are special order except the Pro-E series.

①② Plastic, MHI, PC, Trivex, Tribid

① Mineral / Glass

▼ Need Essibox® solution

SPECIFICATIONS

Tracing Functions

	Tess	E-Tess	Neksia 400, 500, 600, and 650	Neksia 550	ES™ 700 ES 700M	ES 800 ES 800M	L-Tess	Pro-B 300 CB ¹	Pro-B 300 TCB ²
Standalone tracers or those mating to the edgers	L12034	L11002	L20012	L20012	L800002	L800002	L11012	L13052	L13062
Mechanical Tracing									
Curve frame	Up to base 9	Up to base 9	Up to base 6 Neksia 400, 500, and 600 Up to base 8 Neksia 650	Up to base 8	Up to base 9	Up to base 9	Up to base 9		Up to base 9
Optical Tracing									
Advanced (creative shape)					✓	✓			✓
Auto recognize holes			✓		✓	✓			✓
Centering-Blocking									
Shape deformation		✓	✓		✓	✓	✓	✓	✓
Semi-auto			✓		✓	✓	✓	✓	✓
Auto			✓	✓		✓	✓	✓	✓
Ergonomic									
Quick block loading						✓			
Blocks and pads storage						✓			
Weco block compatibility							✓	✓	
Pedal for blocking							option	option	

1 Centering-Blocking
 2 Tracing-Centering-Blocking
 3 Neksia 600 and 650 only
 4 Option for auto-blocking with the L14042 tracer-blocker for the Neksia and Pro-E series.

SPECIFICATIONS

Technical Design

	Delta 200	Delta 300	Neksia 400	Neksia 500	Neksia 550	Neksia 600 and 650	ES™ 700	ES 700M	ES 800	ES 800M	Pro-E™ 600	Pro-E 700
Precision												
Temperature compensated reproducer							✓	✓	✓	✓	✓	✓
Strain gauge (constant effort measurement)							✓	✓	✓	✓	✓	✓
Advanced clamping system							✓	✓	✓	✓	✓	✓
Mechanical compensation system (drill)							✓	✓	✓	✓	✓	✓
Feeler metal pin (constant shape)							✓	✓	✓	✓	✓	✓
1-star cycle	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2-star cycle	✓	✓	✓	✓	✓	✓	✓	✓				
Advanced 2-star cycle							✓	✓	✓	✓	✓	✓
Milling - Dry cut								✓		✓	✓	✓
Robustness												
Small tools module maintainability	complete	complete		complete	complete	complete	2 spindles	3 spindles	2 spindles	3 spindles	3 spindles	3 spindles
Reinforced tools (lifespan increased)											✓	✓
Reinforced structure and parts											✓	✓
Easy and quick access											✓	✓
Robotic cables and connectors											✓	✓
Easy and fast maintenance (integrated process)											✓	✓
Preventive maintenance plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integration												
OMA protocol	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Essibox® compatibility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Embedded remote maintenance ¹	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1 start button											✓	✓
Barcode reader	option	option	option	option	option	option	option	option	option	option	integrated	integrated
No need of compressed air and vacuum	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Capacity recommendation (1 unit)	10-20 jobs/shift	10-20 jobs/shift	20-40 jobs/shift	20-40 jobs/shift	20-40 jobs/shift	20-40 jobs/shift	40-80 jobs/shift	40-80 jobs/shift	40-80 jobs/shift	40-80 jobs/shift	> 80 jobs/shift	> 80 jobs/shift

¹ Including remote machine memory upgrade, remote control assistance, remote machine settings, remote errors analysis and troubleshooting

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Essilor Instruments USA | 8600 W. Catalpa Avenue, Suite 703 | Chicago, IL 60656 - USA | Phone: 855.393.4647
Email: info@essilorinstrumentsusa.com | www.EssilorInstrumentsUSA.com

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