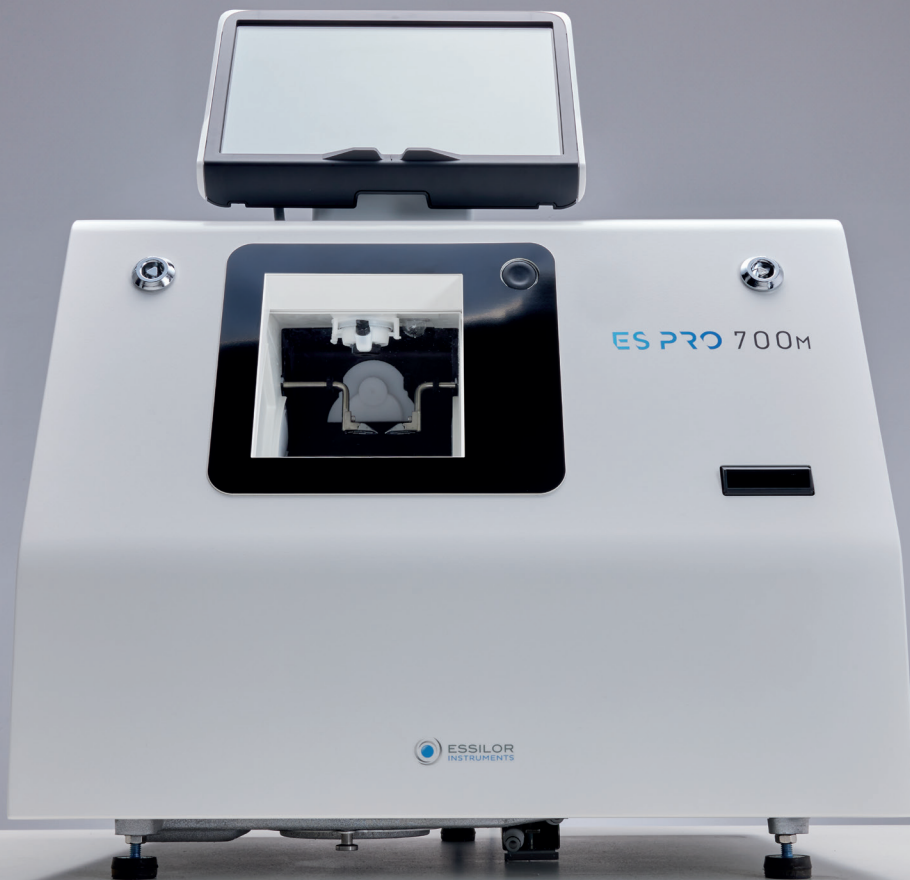


ES PRO™ 700M

Elevate your edging standards.



A robust in-lab finishing solution
to boost your productivity and
expand your lab's capabilities.



1. Drive your productivity

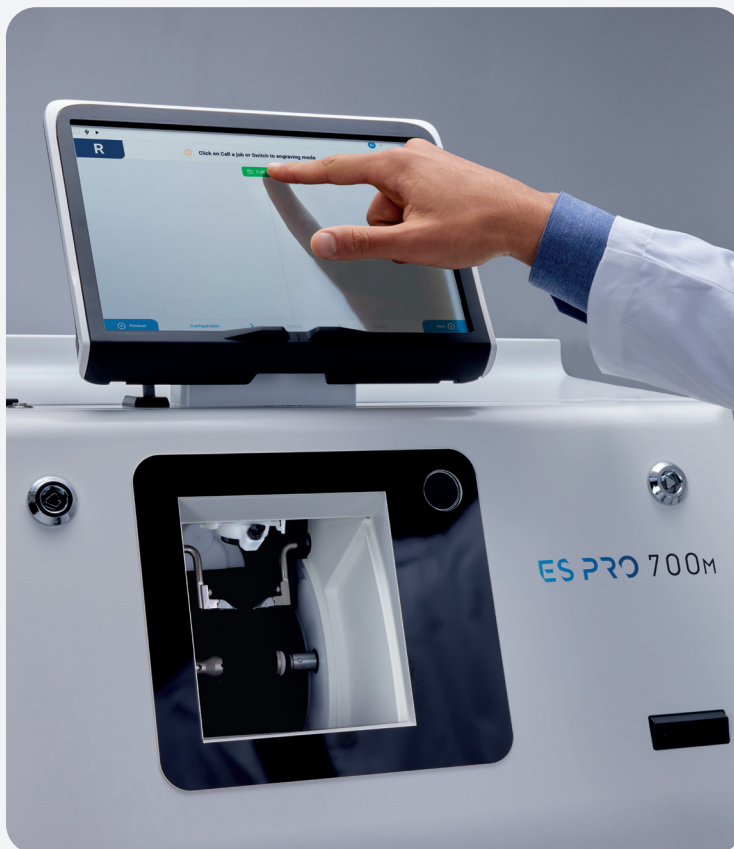
ES PRO™ 700M, a robust in-lab finishing solution to boost your productivity and expand your lab's capabilities. It combines accuracy utility, easy integration, and reliability to minimize downtime and expand your capabilities.



Edging Time Reduced by up to 41%¹

- Thanks to the **SuperVeloce™** roughing cycle, the total process time to edge a lens has been reduced **up to less than 1 minute³ or 27 jobs per hour.**
- A new set of wheels provides better grinding power and allows for faster and more efficient edging.

ES PRO™ 700M improvement is on average 25% faster vs. PRO-E™ 600/700².



Milling Time Reduced by up to 57%¹

- The ES PRO™ 700M milling tool's lifespan is multiplied by six, regardless of the lens materials.¹
- The combination of a robust and sturdy machine design along with specific shapes and dimensions of the cutting tool enables faster and more efficient milling, drilling and grooving.

SuperVeloce™

Fast edging & milling with **ES PRO™ 700M**

1. As per Internal PGV study performed in Jan. 2024. ES PRO™ 800M / 700M compared with ES™ 800 M and ES™ 700 M, for rimmed frame with no chamfering/polishing function.

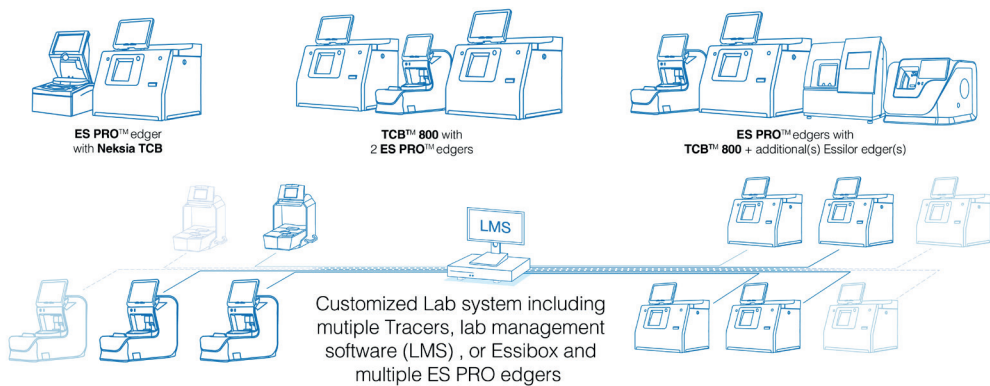
2. As per Internal PGV study performed in Jan. 2024. ES PRO™ 800M / 700M compared with PRO ES™ 700 / 600, for rimmed frame with no chamfering/polishing function.

3. Subject to certain conditions such as lens type, lens finishing and edging cycle.

2. Integrate with ease

Enjoy quick installation and ergonomic experience

ES PRO™ 700M fits into any lab with ease. This robust and compact tabletop edger requires no vacuum or compressed air, which means no extra investment. The tiltable 12-inch multi-touch screen offers a comfortable heads-up navigation experience with 3D views that showcase every detail.



Smooth synchronization. Easy calibration.

ES PRO™ 700M seamlessly interfaces with laboratory management software and can connect to other instruments.

It is designed to fit customized systems including multiple edgers, Tracers-Centerers-Blockers, lab management software as well as Essibox®, providing versatility and adaptability to various lab setups.



Maintain with ease for maximum uptime.

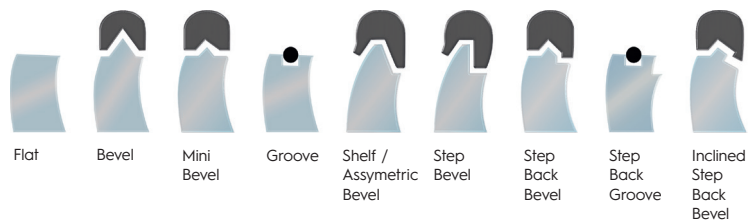
A side panel provides easy access to sub-assemblies and enables fast tabletop maintenance procedures.

Telemaintenance allows to update, diagnose, and tune settings remotely. On-screen video assistance is available in the maintenance menu via QR code to help simplify upkeep.

3. Craft with precision

Aesthetic and robust mountings

Fit 4 Frame 2.0 technology enables the realization of a diverse array of bevels to accommodate various frame profiles, including both step and step back bevels. It ensures the ideal lens fit, without any compromise on aesthetics, for all mountings and finishes.



Edging precision built on state-of-the-art innovations

Real-Time Control of Cutting Forces

Take real-time control of the wheel's cutting force through its **SuperVeloce™** cycle function for optimized precision.



Full High Curve Technology

Take advantage of a self-adjusting process that simplifies your mountings up to base 10.



3. Craft with precision

Avoid axis deviation risks and prioritize safe mounting with ES PRO™ 700M

Real-time control of cutting forces

- The roughing cycle automatically adapts to the curves of lenses up to base 10, avoiding risks of breakage.
- Bevel placement and shelf depth are optimized for safe mounting without undue stress on the lens.



Comprehensive axis control

- ES PRO™ 700M cuts all lenses¹ with fine-tuned precision thanks to its hybrid milling and grinding technology², including slippery hydrophobic lenses.



ES PRO™ 700M offers a responsible edging approach through its milling function.

- Dry-cut technology reduces water consumption, lens waste, and unwanted odors generated during the milling process.
- This produces fewer dust particles that would otherwise end up in the recycling tank or drain depending on the installation of the workshop thereby reducing lens swarf.

Water consumption can be reduced by as much as 66%.³



1. All lens materials except glass.

2. Essilor Instruments places the utmost importance on developing innovations and protecting them with the appropriate patent filings.

3. As per Internal PGV study performed in Jan. 2024, ES PRO™ 800M / 700M milling cycle compared to 1 star cycle for rimmed frame with no chamfering/polishing function.

Product Technical Specifications

Supercharge your edging system functions

SuperVeloce™ Edging Cycle

Heavy duty material & long lasting tools

Side panel access for easy maintenance

Remote maintenance and software update

Precision features

All plastic lens material management

Fit 4 Frame Technology 2.0; Aesthetic and roust mountings in all finishes

Hydrophobic lens management

Finishing features

Bevel/ Flat /Polish

Chamfering, Grooving & Drilling tilt up to 30°

Mixed-Finishing

Mini-Bevel

Step bevel with adjustable depth and flat, up to 5.35mm depth

Shelf or Asymmetric bevel with adjustable depth and flat (High Curve bevel), up to wrap 30°, base 10

Step-Back Bevel (straight & Inclined), up to 3mm depth

ES PRO™ 700M

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• up to 92mm thick

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• up to 1.3mm front step, 1mm flat & 3mm depth

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Other features

Screen Size

Dimensions Edger HxWxD (mm) and Weight (kg) (mm)

Power consumption & Power supply voltage Edger

12" / 16:9 Multi-touch Tilttable top vertical heads up display

H: 700, W: 590, D: 490, 95kg

1350W - 220-240 V ~ 60/50 Hz 10 A,

2000W - 100-120 V ~ 60/50 Hz 15 A

Version and Voltage

3 wheels 220 V

3 wheels 115 V

ES PRO 700M Product Reference

M4000001

M4000003



Made in France.

*As improvements are made, information and data in this product presentation are not contractually binding and may be modified without prior notice. Please check the latest version with your local Essilor Instruments representative.

ES PRO™ 700M, ES PRO™ 800M, m'eye SPORT RX™, SuperVeloce™, TCB 800™, FIT 4 FRAME™, FULL HIGH CURVE™ are trademarks of Essilor International.

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