

i-Optik

Better vision, Better life

LE⁺

PATTERNLESS EDGER



More concise interfaces

HD touch screen

7-inch color touch screen, showing more clear images and allowing operators access to all the functions with just simple click on the screen.

Fast access to edging jobs

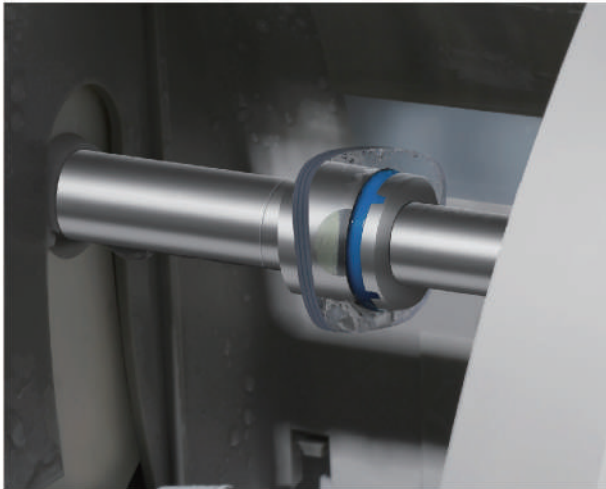
Intuitive operation interface, all processing parameters can be set according to the prompts of the equipment.

Memory for maximum 500 shapes

Convenient shape saving and entry to shape database ensures higher efficiency.



INCREASE OF EFFICIENCY



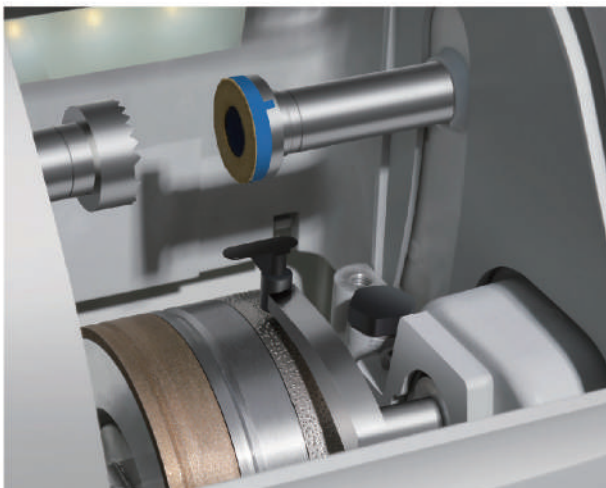
Intelligent Edging Algorithm

- Intelligent edging according to pre-set parameters.
- During edging process, operators can stop anytime for real-time detail adjustment.
- Auto bevel/groove mode for common frames, makes the edging process convenient and efficient.



Excellent Processing Program

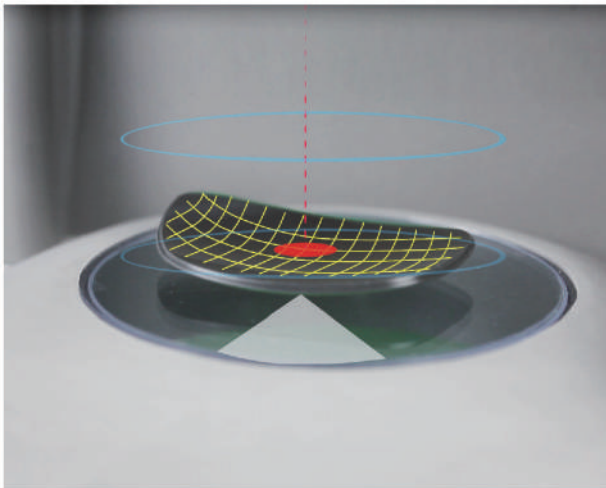
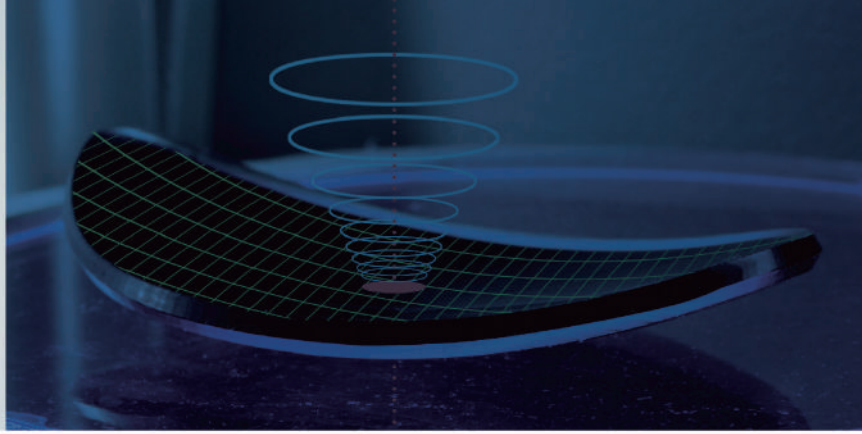
- Various lens processing modes and editing functions of size and shape.
- Remarkable bevel and groove effect for precise fitting.



Accurate axial position

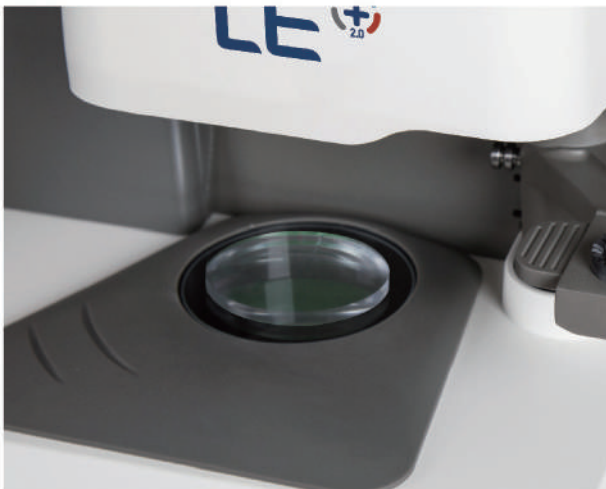
- Automatic speed adjustment according to different lens material, shape and thickness, minimizing axis error and ensuring high precision.
- Provide optical centering, geometric alignment and other ways to enhance the accuracy of axis position.
- Special anti-slip adapter and electromagnetic technology for clamping force control.

FAST OPERATION



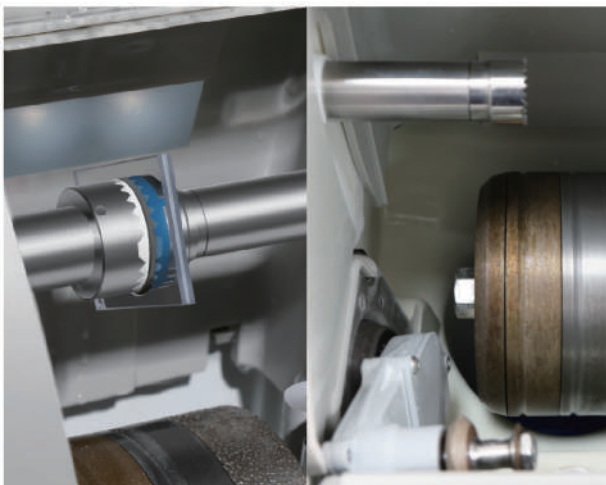
Optical Tracing

- Focus on the center of gravity of the convex surface of the lens.
- 3D optical tracing for scanning the pattern or optical lens.
- Quick recognition of the 3D data for the edging shapes.



Fast Blocking

- Fully digital blocker.
- Capable of blocking on both geometrical center and optical center.
- Automatic compensation for the lenses power, prism and the influence of parallax.



Auto grooving

*safety bevel and *lens edge thinning

- Advanced technology for groove depth and position configuration.
 - Fully automated grooving and safety bevel function for better efficiency.
 - Refined lens edge thinning process makes the finished lens thinner and more esthetic.
- *Safety bevel is only available for LE+3.0.
- *Lens edge thinning function is for LE+3.2 only.



LE⁺ PATTERNLESS EDGER

The new LE+ series patternless edger has the functions of beveling, flat edge, grooving, safety bevel (LE+3.0 only), lens bevel thinning (LE+3.2 only) and polishing. The all-in-one design not only saves spaces, but also maximize efficiency and benefits our users.



Intelligent Edging

Automatically optimize edging speed and pressure on lens edge according to lens shape and thickness, finishing the job faster without compromising edging accuracy.



Precise Fitting

Ensure lens of all kinds of material perfectly fitting with the frames with precise size control and shape modifying functions.



Outstanding Performance

Intuitive operator's interface, advanced data processing technology and customizing options make the edger very easy to use.

Specification

Optical tracing	Fully automated 3D optical tracing, auto recognition of lens shape and frame level
Centering	Parallax free, supports centering for almost all kinds of lenses
Centering assistance	Geometrical center, optical center or customized
Shape modification	Pattern magnifying and minifying and shape modifying
Data storage	500 jobs
Lens material	PLA, PC, Trivex and HI lens. For lens with special material or coating, the edger mode is customizable to ensure edging precision
Lens tracing	3D dynamic tracing
Finishing	Bevel: Graphic preview, bevel position manually adjustable Grooving: configurable groove depth and width Safety-bevel: front or rear surface safety bevel optional, small or big safety bevel configurable (LE+3.0 only) Lens edge thinning: Thinning the edges of thicker lenses makes them more beautiful and light (LE+3.2 only) Polishing: flat polishing and bevel polishing
Minimum edging diameters	Flat 17.5 mm, bevel 19.1mm, grooving 18.5 mm (according to blocker disc), safety-bevel 21 mm
Maximum edging diameter	80mm
Screen	7-inch color touch screen
Size	728*600*442mm
Weight	75kg
Power consumption	230V AC, 50/60 Hz, or 115V AC, 50/60 Hz
Power supply	1340 VA



Designs and specification can be changed without prior notice for the purpose of improvement.

Ningbo Ming Sing Optical R&D Co.,Ltd

Tel: +86 574 87305541

E-mail: info@nbmingsing.com

Website: www.i-optik.com

Address: No.365 Middle Jingu Road(west), Ningbo, Zhejiang, China