

LEX™

edging system

NIDEK 3D-fit
LE-9000EX
Express



 **Santinelli** Perfecting the art
INTERNATIONAL inside the frame



ICE-9000 Revolutionary

Precise and Easy Blocking

Compared to conventional blocking (moves only in the X direction, ICE-9000's blocking arm moves in both the X and Y direction. Furthermore, the blocking head rotates making it easier and simpler to block any lens. These features speed up the blocking process. In other words, when blocking, just insert a lens and the ICE-9000 takes over automatically blocking any type of lenses with greater ease and precision.

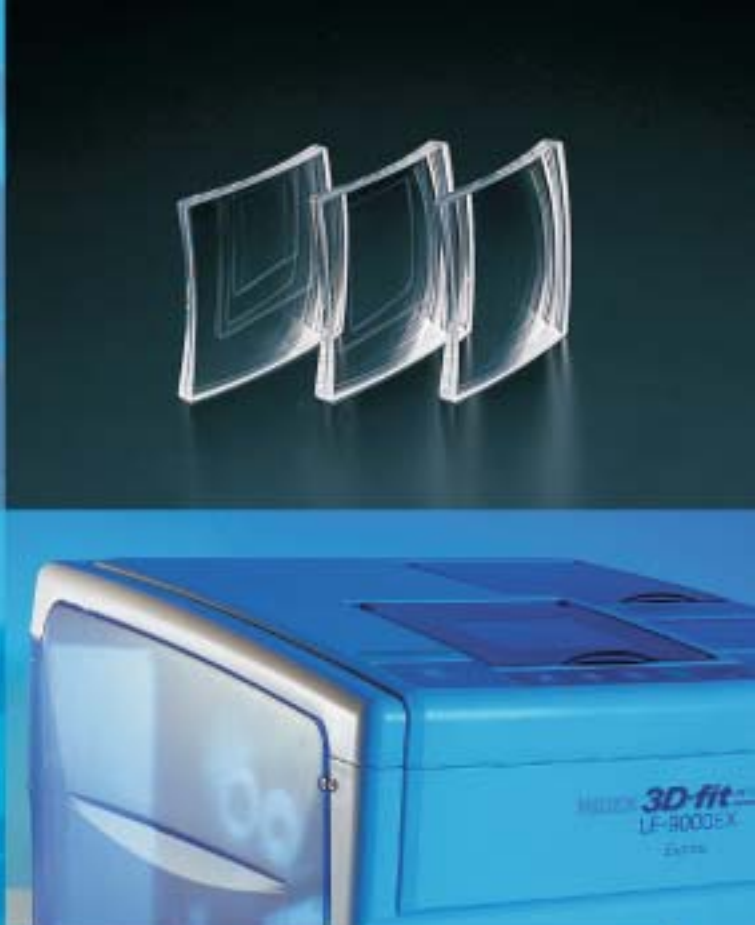
Color Touch Screen

The ICE-9000 incorporates the color touch screen for optimum ease of use. Operations such as inputting data or changing operational modes are carried out through touching the color and clear screen. This high visibility screen prevents human errors and results in precise blocking.



Intelligent X.Y.R. Blocking





LE-9000EX Express Faster Process and Attractive Finish

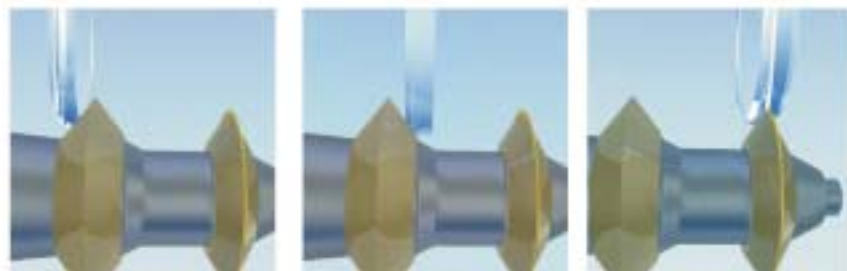
Fully Automatic

Nidek's newest EX series of patternless edgers provides automatic chamfering and grooving, with a new multi-disk arm that grooves and chamfers in one operation. The optimal chamfering amount can be set by selection of chamfering parameters. Grooving is achieved automatically with pin-point accuracy.

New High Speed Motor

The pursuit of speed and quality never ends. With its new high speed motor the LE-9000EX Express exceeds our conventional model's speed by far. Furthermore, thanks to the improved internal mechanism, it can achieve beautifully finished lenses and greater bevel control than our conventional model.

Direct Drive Wheel Motor



LE-9000EX/DX **EXPRESS** specifications



Grinding System	Patternless
Beveling	Computer-calculated bevel Manual bevel setting
Auto Guided	
Flat (Finished) Edging	
Grooving	Computer-calculated groove position and bevel curve Manual options for groove and bevel curve Type: FL4, FLB, FLB-3F
Auto Guided	
Polishing	
Safety Bevel	
Grinding Lens	
Material	Glass, Plastic, High Index Plastic, Polycarbonate, Acrylic Resin (except for glass in Type FLB) Dia.
Lens Size	90mm or less dia.
Layout Range	110mm or less
Grinding Size	
In flat edging	Dia. 26mm or more
In beveling	Dia. 28mm or more
Water Supply System	Tank and pump or direct water hookup
Power Supply	AC 115V/230V 50/60Hz
Power Consumption	1.6kVA (max. at grinding)
Dimensions/Weight	620(W) x 484(D) x 330(H)mm/42kg 20.6(W) x 19.1(D) x 13.0(H)in./92.6lbs
Standard Accessories	Suction cup X2, lens cup X5, double-coated adhesive tape X100, half-eye lens cup (blue, white, pink) X5, double-coated adhesive tape for half-eye lenses X100, half-eye lens cup X5, half-eye adapter X1, half-eye lens clamp X1, dressing stick for the roughing wheel (WA800) X1, dressing stick for the finishing wheel (WA3200) X1, dressing stick for the polishing wheel (WA4000) X1, lens cup remover X1, power cord X1, calibration jig X1, hex wrench (3 & 4 mm) X1, hex driver X1, spare fuse X2.

ICE-9000 specifications



Blocker	
Lens Size	Dia. 80mm or less
Layout Mode	Single vision lens Bifocal lens Progressive Lens Manual
Items to be entered	FPD (or DEL) FD (or 1/2 FD) Height of the optical center (I, BT1, PD1) A x IS EP: Height of the eye point for distance vision (for progressive lenses) Lens size Lens material (plastic lens, plastic lens with high refractive index, glass lens, polycarbonate lens, acrylic lens) Frame type (metal frame, 2/1 frame, Nylon frame, 3-piece mount frame) Grinding mode selection (polishing, safety beveling) CYL mode (+/-, +, -) Job code
Blocking Method	Motorized blocking method Blocking pressure (2.5-3kgf)
Tracer	
Tracing Method	3-D binocular automatic tracing
Traceable Size	Frame R9-R48mm (radius from measurement center) Vertically up to max. 30mm from center Pattern R12-R48 (radius from measurement center) Vertically up to min. 10mm from center
Measuring Points	32,000 points per eye
Frame Clamping	One-touch automatic clamping
Dimensions/Weight	312(W) x 478(D) x 328(H)mm/19kg 12.3(W) x 18.8(D) x 12.9(H)in./41.9lbs
Standard Accessories	Spare fuses (x2), spare bulbs (5V/5W), blower, trace holder, standard frame, standard pattern, lamp replacement jig, power cord

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