



CLE100 EDGER

COMPACT LAB EDGER

HIGH-GRADE INDUSTRIAL COMPONENTS

PATENTED SOFT PIN BEVELING FOR LENSES DOWN TO 18 MM

AUTOMATIC MAINTENANCE FUNCTIONS

The CLE100 is a robust, tabletop edger, incorporating high-grade industrial components to sustain medium-volume production environments. The CLE100 edges all lens materials including CR/polycarbonate, hi-index, Trivex®, and glass. Polish bevels are edged with unsurpassed performance and precision. Fragile and anti-reflective coated lenses are not a problem with the EAS cycle, exclusively developed for those delicate jobs.

STANDARD FEATURES

- > The CLE100 incorporates **several heavy-duty components**, including the reproducer and power module, transfer pins, and the bushing and coupling assembly. Its stainless steel cabinet provides maximum protection against rust and corrosion.
- > The operator can call down a job and retrieve a shape by using a **direct tracer connection, bar code reader, or optional numeric keypad**.

- > **Proper lens cutout is ensured, and bevel/groove placement are optimized** as a result of using two probes to simultaneously map the contours of the lens surface to determine lens curvature and thickness. Placement can be automatic, or the operator can make custom modifications.

- > **A quick-release clamp system** allows for multiple size chucks to be installed in the edger. Chuck replacement is fast and easy. A red block is available for frame sizes down to 18 mm.

- > **Automatic bevel selection** allows the CLE100 to rapidly edge most lenses by calculating ideal bevel placement from the furnished data. More complex or specialty lenses can be controlled using a number of unique bevel options including front curve, percentage, or a simple rimless.

- > The CLE100 features patented, **soft pin beveling technology** which improves consistency, control, and quality. It accommodates all lens sizes, including small frames down to 18 mm. The need for manual pin beveling is eliminated, reducing lens handling and decreasing the potential for spoilage or breakage.



- > The patented **grooving design** precisely locates grooves on very thin lenses. Three groove widths and depths ensure the optimal fit.

- > The CLE100 features a **simple, user-friendly interface** with easy-to-understand icons, text, and color-coded messages. Training time is minimal due to the CLE100's ease of operation.

- > **Automatic maintenance functions** include wheel cleaning, self-calibration, and a statistics and technical log, which enable the operator to easily perform routine maintenance without technical assistance.



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TECHNICAL INFORMATION

FEATURES

Automatic Edging and Polishing Patternless
Abrasive and Polishing Wheels 3 wheel system for plastics 4 wheel system for all materials
Bevel and Groove Settings Fully automatic Customized front curve follow Customized percentage Flat edge (rimless) Fragile mode
Pin Beveling Settings Front and back Back only Three selectable widths
Polishing User selectable
Lens Material Configurations CR/polycarbonate, hi-index, Trivex®, and glass
Lens Mapping Simultaneously records front and back lens contours
Sizing Adjustable +8.00 to -8.00 mm
Lens Grinding Capacity Maximum: 105 mm Minimum: 18 mm (rimless), 19.5 mm (bevel)

SPECIFICATIONS

POWER	220 V, 50/60 Hz with ground, 10 Amp (requires dedicated circuit)
DIMENSIONS	23 1/2" w x 16" d x 25 3/4" h 597 mm x 406 mm x 654 mm
WEIGHT	177 lb/80 kg
SYSTEM COMPATIBILITY	Gerber Coburn equipment and Innovations™ laboratory software OMA compatible software
ACCESSORIES	Operation and installation manual Quick Release chucks Standard gauge Allen key Double-sided adhesive pads—200 roll Half-eye double-sided adhesive pads—200 roll Deblocking pliers Two dressing sticks Cleaning wheel Two spare fuses Two inlet hoses Waste water hose Power cord Bar code reader
OPTIONS	All material recirculating filter system Direct water solenoid system Numeric keypad Chuck adapters for Weco, AIT, SemiTech Two metal calibration gauges
ORDER NUMBERS	CR/Polycarbonate M19085 All Materials M19082

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10/07 Specifications are subject to change without notification.



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