



Ophthalmic

Finishing



Horizon II Edger

- Dry-cutting pattern edger
- Time tested
- Polycarbonate and Hi-Index lenses

SPEED, ACCURACY AND CONVENIENCE OF DRY-CUTTING TECHNOLOGY

Vacuum System

Plastic debris is removed by a vacuum system, eliminating the need for coolants.

Optional Cutters

As factory equipped, the edger will cut bevel and rimless interchangeably. Optional cutters expand edge peripheries to a dozen finishes, including Grooving, Faceting, Shelving and Roll & Bevel.

Variable Flow Control

Standard cycle time is less than one minute, with a 20 second finish-only cycle for touch-up. Even the largest Poly lenses can be edged in a single cycle with a slower flow control cycle.

All Electronic

Fully integrated circuitry eliminates microswitch adjustment, ensuring high reliability.

Proven Performance

Thousands of installations worldwide have proven the Horizon II to be a workhorse of the industry.

Two Bevel Placement System

Two fully-adjustable bevel guide systems are standard: A Teflon Guide Wheel which tracks the actual front curve of the lens or a Cam Tracking System which duplicates nominal base curves. Both systems provide for fully variable front-to-back placement on all periphery finishes. Each system features a cycle-pause feature which allows the operator to easily make bevel placement adjustment mid-cycle.

Pattern Making

Pattern from a lens capability, a feature unique to dry edging, is standard.

Brushless Motor

Our DC, brushless motor is ultra quiet and more durable than conventional router motors.

Cuts all shapes, sizes and powers of CR-39, Polycarbonate and Hi-Index lenses without changing cutters. Carbide blades cut instead of grind, so there is no rounding of the bevel. Standard cycle time is less than one minute

Additional Features

- Air chucking.
- Shipped complete with vacuum system and accessory kit.
- Multiple edge finishes with optional cutters.
- Modular design facilitates in-lab maintenance and repair.
- Factory training and technical service support included.
- One year parts and labor warranty.

Mechanical

- Weight:
Edger -112 lbs
Vacuum -24 lbs

Electrical

- Input:
115 VAC, 60 Hz, 1500 WATTS
230 VAC, 50 Hz, 1500 WATTS
- 15 Amp. service line required
- ETL LISTED, Conforms to UL Std. for Electrical Equipment for Laboratory Use ETL TESTING LABORATORIES, INC.

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Ranges

- Front Base Curve Range: 0 -12D
- Lens Blank: Up to 100mm
- Minimum Finished "B" Size::24mm (with 1/2-eye clamp:19mm)



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