Ophthalmic *Finishing*

QM-X4

The QM-X4 is a tabletop edger that expands your in-house lens finishing abilities by processing lenses with complex shapes, shelving, milling, and drilling. It's a robust edger, compact and user-friendly package that's backed by the industry-leading engineering and service teams at National Optronics and DAC Vision.

NATIONAL OPTRONICS

DAC™ VISION

800.800.1550 | www.dacvision.com

QM-X4

The new QM-X4 table-top edger has four software and mechanical enhancements that deliver a more precise, reliable, and durable edger. It adds capabilities to easily process complex shapes in faster cycles and to a high-luster finish.

1. FASTER PROCESSING

- Integrated diamond blade design of the main tool reduces need for frequent blade changes
- Software enhancements related to toolpath algorithms allow improved cycle times and processing

2. IMPROVED SURFACE FINISH QUALITY

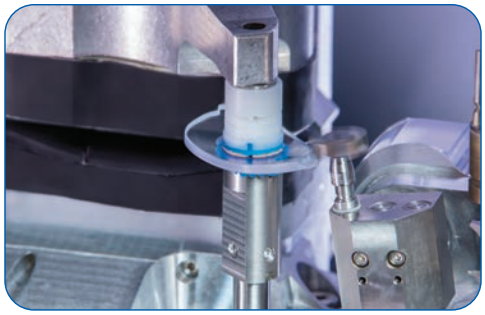
- High-luster finish on polished lenses

3. MACHINE RELIABILITY

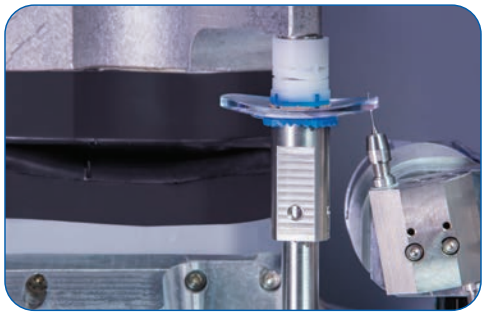
- Redesigned 4th-axis spindle for drilling, milling, and shelving improves reliability
- Added protection to the electrical cabling eliminates wear
- Internal covers on major mechanical components provide durability and dust protection

4. SAFETY FEATURES

- Improved safety interlock system from mechanical switches to magnetic switches improve reliability, performance and operator safety

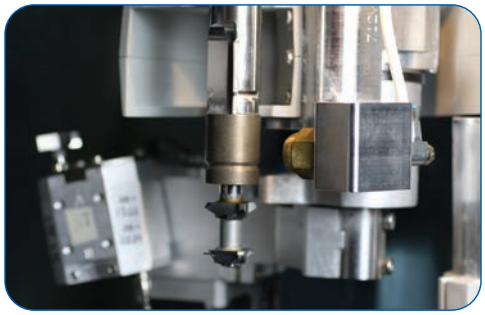


Shelving complex shapes



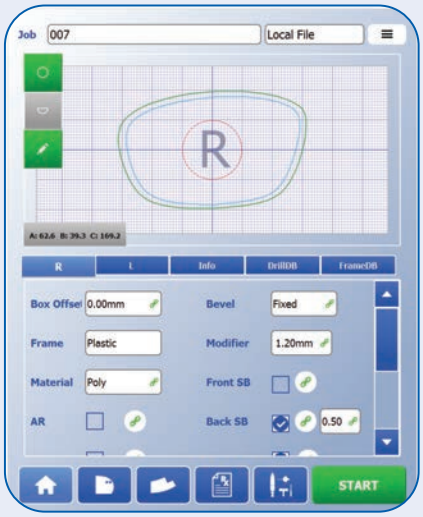
Variable-angle drilling

Innovative dual diamond blade tool



Environmentally-friendly dry edging

USER-FRIENDLY INTERFACE

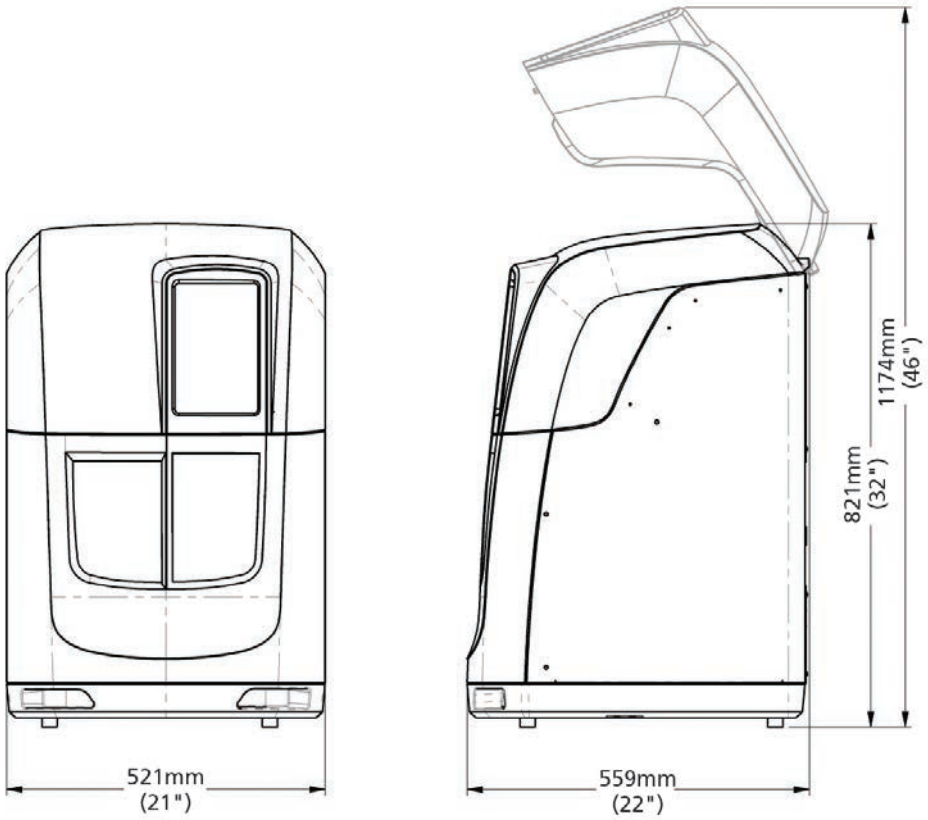


Additional features

- Small footprint saves valuable counter space.
- Easy touch-screen operation with user-friendly interface.
- Inherently low torque cutting process minimizes risk of lens slippage.
- Service friendly: all components are easily accessible.

Options

- Lens shelving at various depths as well as in partial areas around the lens for easy processing of complex finishing jobs, e.g. on fashionable sports frames.
- Variable angle drilling provides better cosmetics and easier mounting for a variety of base curves and prescriptions.
- Frame editor software allows editing existing trace files or creating new complex designs quickly and efficiently.
- Cabinet: 32"w x 28.8"d x 34.3"h



TECHNICAL INFORMATION

Working Range

- Front base curves: up to 10 dpt
- Minimum finishing B size with standard clamping assembly: 21 mm rimless; 23 mm bevel
- Lens diameter: max. 85 mm (effective)
- Materials: all organic lens materials; i.e. CR39; Hi-Index; Polycarbonate; Trivex

Communications

- VCA/DCS compatible
- Stand alone

Facilities

- Energy requirements: 100-240V 50/60Hz 1 phase, 350 Watts
- Dimensions (wxdxh): 21 x 22 x 32 inches 521 x 559 x 821 mm
- Weight: 180 lb

US Patent No. 10,307,881

800.800.1550 | www.dacvision.com

QM-X4 EDGER