



3B X

7E VERSA

4T X

 NATIONAL
PTRONICS

Complete Edging System

Available from Tritek Optical Solutions



TRITEK
OPTICAL SOLUTIONS

Telephone: 01788 573737
Fax: 01788 573636

3B X Blocker AT TRITEK



- Industrial high speed operation
- Ergonomic design
- Multiple block configurations
- Parallax and distortion-free blocking

Industrial Construction

The 3Bx is designed with few moving parts for simplified, continuous operations and minimal downtime. The large split screen and integrated keypad design make the 3Bx a unique and ideal finish blocker.

Automatic Finish Blocking

Unique design utilizes imagery projection to display the lens image over the LCD layout screen, guiding the operator to an exact lens layout position. Custom blocking options include geometric center, optical center or manual placement.

Parallax and Distortion-Free Blocking

Accidental refraction is reduced by projecting the image of the front surface of the lens. Lens is blocked with front surface down, avoiding lens damage and blocking errors due to lens imbalance.

Ergonomic Design

Large heads up display provides the operator with an ergonomic operating position. Ergonomics are furthered with a foot switch to initiate the blocking process.

Block Configuration

The 3Bx can be configured to any metal or plastic block design.



TRITEK
OPTICAL SOLUTIONS

Telephone: 01788 573737

Fax: 01788 573636



7E HLP

Edging System

AT TRITEK

IN HOUSE DEMO!

Come and test this machine in our factory.
Ring us on 01788 573737.

NuGroove Grooving Assembly

Consistently clean, precise cut on all shapes, with no widening of the groove.

Hi Luster Polish

Premium, high luster finish on all plastic, high index, Trivex and poly lenses.

High Wrap and Complex Beveling

Edge high base lenses and complex shapes through the 7E's unique cutter design. Standard cutting system - rough, finish, polish, groove and safety bevels. "Switch on the fly" to the multi-fluted cutter, which provides four different bevel geometries.

Small B Edging

Optional package process B measurements as low as 16mm while maintaining the ability to edge a full range of lenses.

Advanced Clamping

The electric clamping system minimizes slippage and crazing with controlled clamping forces.

Precise Drilling

Control profits and performance with the cost effective, versatile drilling option. Easily retrieve thousands of preprogrammed drill data from manufacturers' specifications of easily input new ones.

Environmentally Friendly

Eliminate messy and non-environmentally safe coolants without sacrificing product quality.

On-Screen Assist

Real-time process control. Integrated, intelligent software provides directional assistance for even the most inexperienced operator. Access on-screen operations, maintenance and parts manuals.



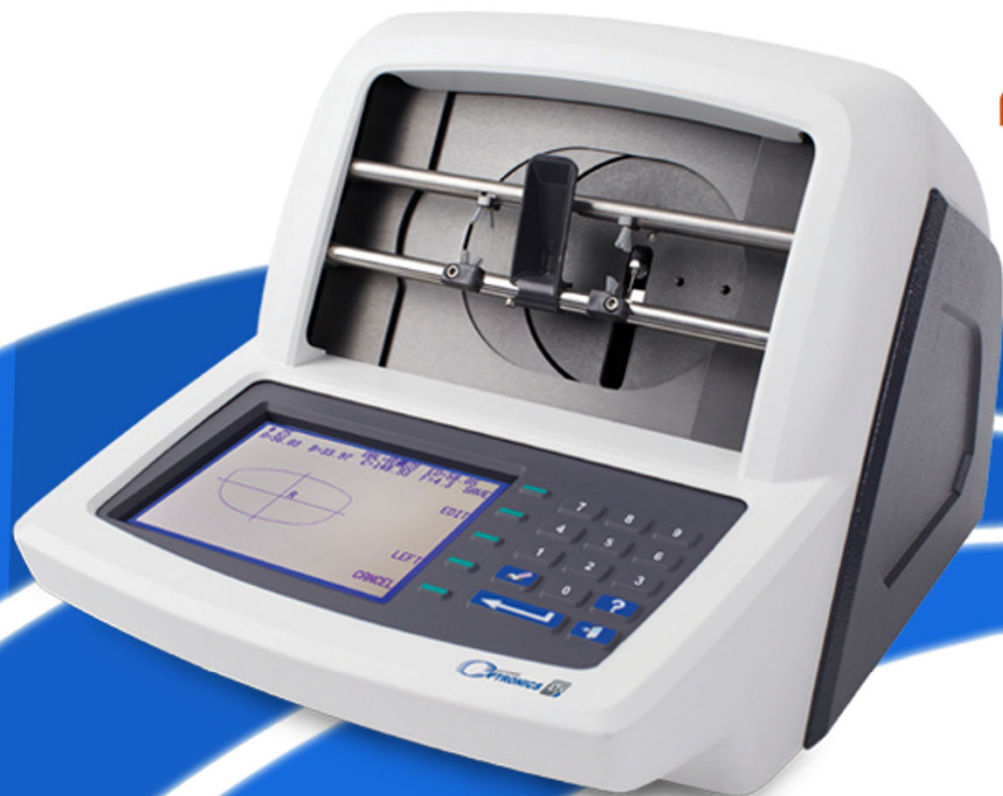
TRITEK
OPTICAL SOLUTIONS

Telephone: 01788 573737
Fax: 01788 573636

4T X

Tracer

AT TRITEK



- Industrial design and reliability
- Accurate 2 eye tracing and DBL measurement
- Full range - including wraps and small designs
- Integrated monitor and keypad
- Easy, upright loading orientation
- Rimless shape modifier

Accuracy

The 4Tx traces both lenses for accurate DBL. A 2,000 point resolution encoder, as well as 3D tracing, ensures highly accurate reproduction and extraordinary repeatability.

Full Range

Ideal for all tracing environments and designed for tracing a wide range of frame styles and curves.

Integrated Monitor and Keypad

Provides the operator with traced shape image and ability to input data in a compact design.

Easy Upright Loading

Simplify loading and avoid shape distortion. Also eliminates the risk of debris damaging key electrical components.

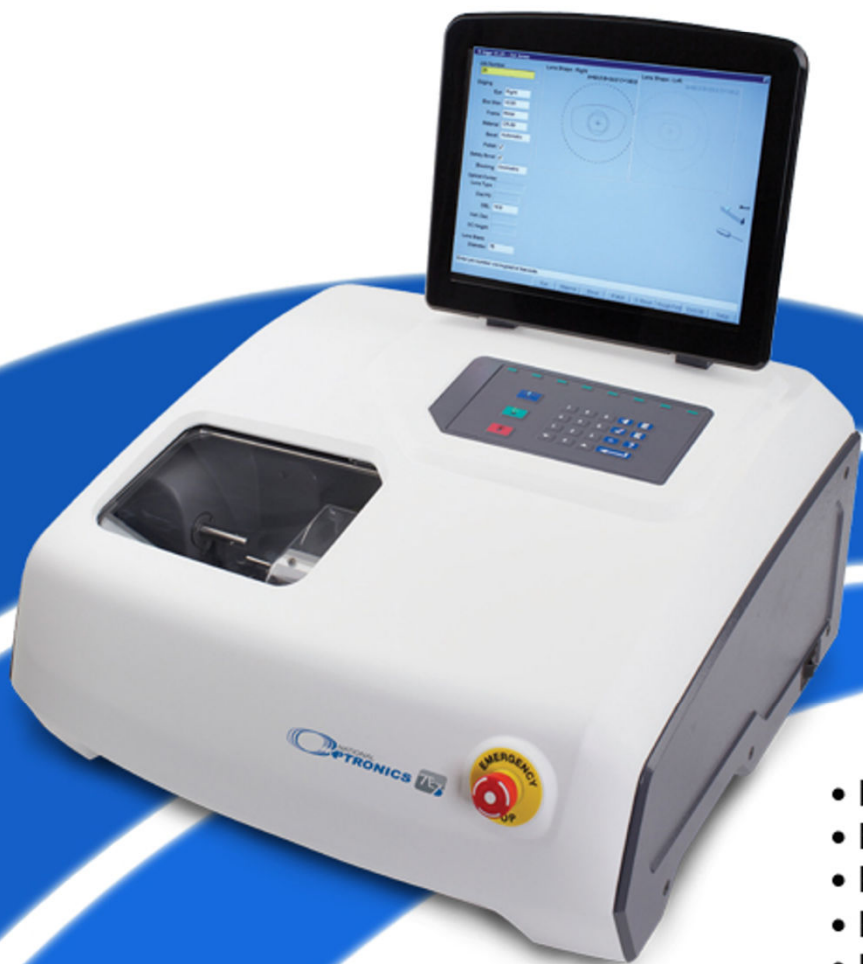
Shape Modifier

Modify traced shapes with editing tools to create custom shape designs.

7E X

Edging System

AT TRITEK



- Drilling and grooving in one process
- Flexibility to process all bevel types
- Processes 16mm B measurements
- Reduces slippage and crazing
- Reliable and industrial construction

High Wrap and Complex Beveling

Edge high base lenses and complex shapes through the 7E's unique cutter design. Standard cutting system - rough, finish, polish, groove and safety bevels. "Switch on the fly" to the multi-fluted cutter, which provides four different bevel geometries.

Small B Edging

Optional package process B measurements as low as 16mm while maintaining the ability to edge a full range of lenses.

Advanced Clamping

The electric clamping system minimizes slippage and crazing with controlled clamping forces.

Precise Drilling

Control profits and performance with the cost effective, versatile drilling option. Easily retrieve thousands of preprogrammed drill data from manufacturers' specifications of easily input new ones.

Environmentally Friendly

Eliminate messy and non-environmentally safe coolants without sacrificing product quality.

On-Screen Assist

Real-time process control. Integrated, intelligent software provides directional assistance for even the most inexperienced operator. Access on-screen operations, maintenance and parts manuals.



TRITEK
OPTICAL SOLUTIONS

Telephone: 01788 573737

Fax: 01788 573636



Dimension Tracer

AT TRITEK

IN HOUSE DEMO!

Come and try this machine in our factory.
Ring us on 01788 573737.

High Wrap Technology

Unique rotating frame table automatically adjusts to accommodate any frame curvature. The intelligent software automatically calculates necessary rotation for precise trace data.

Easy to Use Touch Screen

Integrated, intelligent software provides directional assistance for even the most inexperienced operator. Access on-screen operations, maintenance and parts manuals with the touch of a button.

Shape Editing

Modify traced shapes in all dimensions to create custom lens designs with shape editing tools

Eliminates Trace Errors

Automatically detects frame movement during tracing and alerts the operator to differences in shape geometries between right and left eye.

Auto Restart Feature

When interference or disruption occurs, the stylus will automatically replace itself and complete the tracing.

Delicate Frame Tracing

Reduced tracing pressure on lightweight, flexible and sharp angular frames with the auto adjusting stylus pressure settings.

Full 3D Trace Data

Capture complete 3D data on frames and lenses for optimized lens size and bevel placement. Configure trace data to optimize interface connections.

Front Opening Storage Drawer

Avoid lost or misplaced accessories with front storage drawer.



TRITEK
OPTICAL SOLUTIONS

Telephone: 01788 573737
Fax: 01788 573636