

Technical Specifications

Attitude I Centering Device

Shape Recognition

- Frame tracing, demo lenses, patterns and edged lenses.
- Special technology to measure wrap frames.
- TrueScan: recognition of the 4 frame dimensions including the frame groove position, giving better fit of the lens into the frame.
- Tracing right eye and / or left eye: transfer of one side only or both eyes.
- Measurement of the frame PD and bridge.
- Shape displayed on screen (scale 1, 2).
- Maximum measurable diameter 80 mm.
- PROS 2.0 superior optical recognition system including accurate drill hole detection and SD Smart Design Detection Technology 2.0.
- Digiform included: advanced shape modification with overlaid lens and map display.
- Extensive, alphanumeric library including 5000 jobs & 10000 shapes (Patterns, Drilled Shapes, etc.) with advanced search functions.
- Automatic data transfer from the blocker to the edger.
- Create new shapes from existing ones using the useful drill import & export functions.

Centering & Blocking

- Supported Decentration Types 1/2 PD, Δ x - Δ y, boxing height or frame height.
- Decentering: 0.05 mm step.
- Automatic Detection of Single Vision, Bifocal and Progressive lenses.
- Power Measurement based on Wavefront Technology for Single Vision lenses.
- Mapping including Power Measurement Point-to-Point for Progressive and Single Vision lenses.
- Controlled blocking pressure.

Connections

- Briot Link™ remote servicing module ready.
- OMA connection.

Attitude I Edger

- New step bevel : The best bevel for sport frames with asymmetric profiles.
- Plastic Version: Four 90 mm edging wheels: all plastics (CR 39, polycarbonate, Trivex™, high index), bevel and rimless finishing, bevel and rimless polishing, tilted bevel wheel.
- Mineral Version: Five 90 mm edging wheels: all plastics and mineral, bevel and rimless finishing, rimless polishing, TBS wheel.
- Integrated drilling function: Countersunk holes, notches, blind or open oblong blind, or open oblong holes, special "rectangle" functions.
- Tiltable drilling angles depending on program from 0° to 30°.
- Tracing prior to roughing with accuracy of 50 μ. Feeling front and rear curvature and lens thickness.
- Visual preview of lens on request, before starting roughing cycle.
- 5 different bevels: Normal, Mini-Bevel, Tilted Bevel, Mini-Tilted Bevel and Partial Bevel.
- 6 different programs: Front face, Percentage (default setting), 1/2-1/2, Fully customized bevel (manual) and Automatic bevel.
- Minimum edging diameters: Rimless finish 17 mm, Grooved finish 18.2 mm, Bevel finish 18.6 mm, Safety bevel finish 21 mm.
- Grooving Programs: Front face, Percentage, 1/2-1/2, Customized (manual), Automatic with adjustable depth and width.
- Grooving angle adjusted automatically according to the curve and the height of the lens.
- Customized safety bevel (front face, rear face).
- Partial Processing (Bevel-Groove / Groove-Groove / Bevel-Flat / Flat-Groove).
- SD Smart Design Technology 2.0.

Attitude I



Attitude II



Dimensions / Weight / Power Supply

Width	360 mm (14.2 in)
Depth	565 mm (22.2 in)
Height	590 mm (23.2 in)
Weight	29.5 kg (65 lbs)
Voltage	100V-240V / 50Hz-60Hz

Meets following directives

CEM 2004/108/CEE,
EN 55022 « Classe B »,
EN 61000 – 6 – 2, EN 61000 – 6 – 3,
2006/95/CEE, EN 61010-1
Standards UL Version US 115V : UL
61010-1; CAN/CSA-C22.2 N°61010-1



Dimensions / Weight / Power Supply

Width	510 mm (20.1 in)
Depth	615 mm (24.2 in)
Height	570 mm (22.4 in)
Weight	69 kg (151.8 lbs)
Voltage	CE 230V-50Hz / ETL 230V-60Hz

Meets following directives

2004/108/CEE ; 2006/95/CEE ;
2002/95/CEE ; 2006/42/CEE ;
EN 61000-6-3 (EN 55022 Class B) ;
EN 61000-6-2 ; IEC 61010-1.

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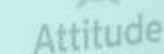
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Visualize the invisible



Attitude Centering Device



Attitude Edger



Unique Feature
Just for Progressive Lenses -
See the actual lens map
and power channels



Briot Attitude Offers
a Truly Customized
Eyewear Experience



Ultimate Edging
for Athletic Eyewear



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Fast & Easy Finishing Process

Briot Attitude reduces processing time for job preparation including tracing, centering and blocking. The risk of breakage is also greatly reduced through increased automation including power measurement. The Briot Attitude is one of the fastest finishing systems available today.



Shop Embedded Finishing

With Briot Attitude, opticians can show their expertise directly to their customers. Introducing a new motor for minimal sound. You can show your customers all the special features of their lenses and involve them in their own personalized eyewear experience.

TrueScan: True High Curve Tracer

The Attitude by Briot features a new technological concept which allows tracing of extreme wrap frames with ease. Tracing is geared for speed while the mechanics initiate an extremely soft touch on frames avoiding any type of deformation.

High Curve Finishing

To ensure a perfect fit in wrap frames, Briot Attitude offers tilted bevel finishing. This feature is customizable on any area of the lens, and can be combined with any bevel curve as well as the mini bevel. This allows for high quality results and easy processing for frames even with thick nasal or temple areas.

Real Step Bevel

Certain wrap frames may sometimes require a special step bevel on the lens edge to ensure proper fit and safety for the wearer. The Briot Attitude produces customized step bevels with ease, ensuring the perfect fit with variable width and depth options.

Smart Design Technology 2.0

The Briot Attitude is capable of processing even the most complex shapes and custom designs with the enhanced Smart Design (SD) 2.0 Technology. Smart Design 2.0 allows for full finishing of the lens without removing it from the chamber resulting in the final shape or design being perfectly made.

Intuitive Touch Screen

Using popular touch screen technology with the ability to "swipe" screens between various functionalities, the Briot Attitude offers the ultimate intuitive, users friendly interface.

Accessories Drawer

In a busy lab, organization is key. The Briot Attitude features a custom designed drawer made for keeping all of your most commonly used tools for job processing in one place.



Laser Engravings

Using a high definition camera, see the detailed laser engravings on progressive lenses. The user can decide on the optimal centering according to the print layout or lens engravings in cases where there is deviation between the two.

Wavefront Technology

The Attitude by Briot combines the best of both worlds with parallax free centering and wavefront technology. With the Shack Hartmann technology, the actual lens design is visible. With this information, the best visual correction for the wearer can be taken into account during the centering and blocking process. By selecting any area of the lens, the optical power and prism is shown as per lens design.

Intelligent Shape Modification

When performing modifications to the shape, Briot Attitude shows the actual lens map in the background. This allows the user to see where the power channels will be with the new shape or size, and enhance the wearer's visual comfort and lens performance.

New Drill Hole Customization

Working with drill holes has never been easier. With the new intuitive interface and intelligent software, hole placement is fast, easy, and precise.

Focused on Ergonomic Design

With special attention paid to even the smallest of details, Briot Attitude is designed to be ergonomic and easy to use.

Gravity Based Optical Tracing

By placing the lens face down, Briot developed a patented method for optical tracing using the gravity point of the lens. The Briot Attitude is capable of capturing even the most complex shapes including drill holes with exceptional precision in just seconds. The reproduced shape is perfect even on lenses with higher base curves.

