



briot

The Vision of Innovation

Alta Generation

Alta XS Centering device

ALTA XS

Focusing on the essential

ALTA XS CENTERING DEVICE

The speed of centring and blocking of the Alta XS is perfectly adapted to high amount of jobs. Associated with the Alta edgers it delivers all of the essential functions needed to produce high quality lenses with unsurpassed reliability and ease of use.

Comfort and ease of use

Briot has designed the Alta XS layout/ blocking system with attention to even the smallest details, making it a pleasure to use. An ergonomic, antifatigue "soft touch" hand rest has been included to ensure maximum comfort: your hand is naturally positioned for precise, faster centering.

Magic Green

Lens illumination adjusts itself automatically according to the shape of the lens and the external lighting, ensuring maximum centering accuracy.

Operator interface

A large high-resolution touch screen gives quick access to all system functions. Pictograms are easy to understand.

Optical system

The high accuracy of the optical system, together with the screen zoom function, makes precise centering simple. The video system refreshes frequently which guarantees a stable and fluid image.

Trends

The system is adaptable for both current and future frame designs. Two shape recording methods are available:

- The Scanform™ tracing unit for traditional frames. Shape capture and analysis of frame dimensions. Possible re-positioning of frame in case of high difference between the 2 eyes (shape size or axis).
- Briot's exclusive imaging software PROS™ for grooved and drilled frames. Automatic recognition of the shape and position of holes.

Library

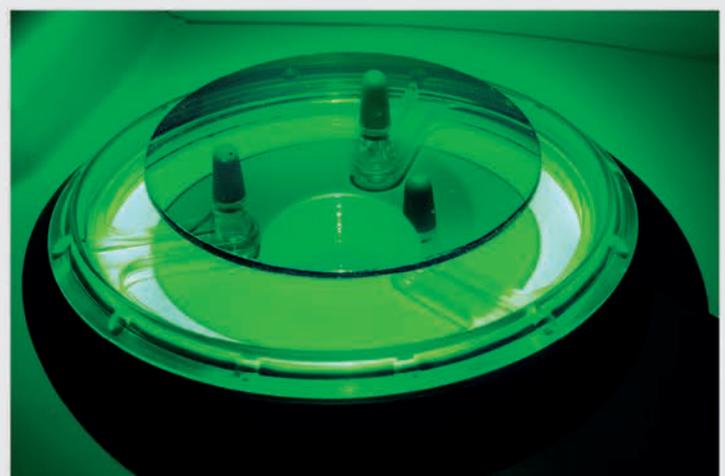
Use of the data base (2048 patterns and 512 jobs) is easy and instantaneous. The increasingly wide choice of frames available has made this innovative and effective system essential. Frames most frequently sold by the store are grouped in a top 20.

Customization

DIGIFORM function, a Briot innovation, is integrated into the Alta XS. It allows adjustment of the circumference, height and width of shapes so that you can modify progressive lenses in the best possible way.



- 1 - Job number.
- 2 - Shape capture.
- 3 - Left and right shape display.
- 4 - Patient data (distance & height).
- 5 - Saving patterns and jobs, drilling data, digiform.



Magic green



Productivity

The rapidity of centering and blocking with the Alta XS is ideally suited to high output rates. This new edging system has no difficulty handling even the most delicate jobs. You save a lot of valuable time.

A mid-range system with top range performance

The Alta XS system is perfectly suited for the production of all your standard and special jobs. Drilling hole recognition, shape modification, shape library.

KEY FEATURES of Alta XS

- > Maximum comfort in use.
- > 2 shape recording methods.
- > Shape modification.
- > Shape library.
- > Simple, comprehensive high definition operator interface.
- > Easy to use by operators at all experience levels.
- > Digiform function.

1



1 - Alphanumeric keyboard / Library.
- Management aid.

2



2 - Digiform.

TECHNICAL SPECIFICATIONS

Width	320 mm
Depth	495 mm
Height	570 mm
Weight	22 kg
Voltage	100V-240V / 50Hz-60Hz

Meets following directives
2004/108/CEE; 2006/95/CEE;
2002/95/CEE
IEC 61000-3-2:2000/A1:2001/A2:2004 -
IEC 61000-3-3:1995/A1:2001/A2:2005 -
IEC 61000-6-3:2006 -
IEC 61000-6 -2:2005 -
CISPR 22:2005 /A1:2005/A2:2006
Classe B - IEC 61010-1 Ed.2:2001- IEC

ALTA XS | Centering device

Shape recognition

- > Frame tracing, demo lenses, patterns and edged lenses.
- > Recognition of the 4 frame dimensions including the frame groove position, giving better fit of the lens in the frame circle.
- > 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 (3.15 in).
- > PROS optical recognition system by image treatment - significant reduction of tracing time.
- > Digiform software package.
- > Library of shapes including 512 jobs & 2048 shapes (patterns, drilled shapes etc...), with multiple search functions.
- > Automatic data transfer from the blocker to the edger.

Centering-blocking

- > Included Decentration Types: ½ PD and PD, Δx - Δy , boxing height or pupil height.
- > Decentering: 0.05 mm step.
- > Centering cross adjusts to the type of lens: single vision, progressive, bifocal.
- > SVGA screen 10.4" (800 x 600p).
- > Controlled blocking pressure.
- > Magnetic adhesive blocks.

Drilling data

- > PROS image treatment, exclusive to Briot: Automatic hole recognition.
- > Function for direct modification and displacement of holes using the touch screen.

Connections

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

Alta range distinctions

- > Pont d'Or 2012.
- > Guaranteed French Origin.



- > For best results, we recommend the following edging devices **ALTA NX**, **ALTA PULSE** and **ALTA Z**.

