



CB bond

Advanced blocking



Fascination for Innovation

Variable lens clamping position and blocking recognition for optimal results with all lens blanks under all conditions.



The ergonomic screen position and the perfectly arranged screen support the operator.



The blocking station precisely sets the prism and axis angle resulting in perfectly blocked lens blanks.



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The blocking station of the CB bond has been specifically designed for higher precision in manual alloy blocking creating an optimal environment for freeform and advanced Rx production.

High-resolution optical detection guarantees precise block/lens alignment. Unique CNC controlled prism and axis adjustment and the variable lens clamping position ensure consistent results during long periods of operation. The after-clamping check monitors that every blocked lens meets the tight tolerance criteria needed for premium surfacing. A computer-controlled alloy filling station enables an uninterrupted and economical flow of alloy. Keeping the operator in mind, we designed the CB bond ergonomically to be run with ease and consistency.

Benefits

- High precision blocking
- High production yields
- Economical alloy handling
- Operator-friendly touch screen
- Modern Windows operating system
- Interface to all existing lab server systems
- Compelling price/performance ratio



The CB bond is another module of the SCHNEIDER iRx concept.



technical data

lens diameter	up to \varnothing 80mm
lens material	all organic and mineral lens materials
blocking diameter	48 – 71 mm
blocking height	7 – 10 mm
blocking material	alloy
clamping system	block \varnothing 43 mm
prism angle	up to 5°
power requirement	2.3 kW max.
air requirement	5 bar (75 psi) min.
machine weight (without table)	127 kg (280 lb.)
dimensions (w x d x h) machine	650 x 930 x 675 mm (26 x 37 x 27 inches)

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