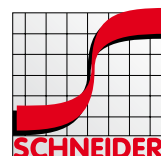




# CB fusion

Smarter Blocking



Fascination for Innovation

The new blocking material Connex fills the gap. The clamping position, blocking recognition, and NC controlled prism and axis adjustment grant perfect results.



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



Full-area lens support enables maximum stability during the surfacing process. The clamping of the block pieces remains unchanged.



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



## CB fusion

The CB fusion blocking station defines a new class of high-performance blocking in the ophthalmic industry. For the first time, technical, environmental and economical considerations have been joined in a single solution which Rx and freeform labs will benefit from immediately.

Key to the new quality of blocking is the Schneider blocking material, Connex, which replaces conventional alloy. Connex is an environmentally friendly high-performance plastic which is economical, reusable and guarantees optimal mechanical stability of the blocked lenses. The CB fusion uses the new material by fully supporting the lens area. Knife-edged lenses are no longer an issue.

High-resolution optical detection and after-clamping control guarantee precise blocking. The flow of the blocking material is computer-controlled which reduces waste and improves accuracy.

The result is precise and strong block-lens-joints ready for premium surfacing. The nontoxic blocking material does not pollute your swarf and can be recycled many times.

### Benefits

- High precision blocking
- Full block support for maximal strength
- Recyclable blocking material for lower costs
- No toxic waste – environmentally save
- Easy process integration in existing surfacing lines
- Interface to all existing lab server systems

### technical data

lens diameter	up to $\varnothing$ 80mm
lens material	all organic and mineral lens materials
blocking diameter	62 – 80 mm
blocking height	7 – 10 mm
blocking material	Connex plastics
clamping system	block $\varnothing$ 43 mm
prism angle	up to 5°
power requirement	2.3 kW max.
air requirement	5 bar (75 psi) min.
weight machine	160 kg (353 lb.)
dimensions (w x d x h) machine	650 x 922 x 770 mm (26 x 37 x 31 inches)



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