



Rx Entry

Blocking

Generating

Fining &  
Polishing

Hard Coating

AR Coating

Tracing &  
Blocking

Edging

INTRODUCING THE

# HAB-910 EXXPERT

AUTOMATIC LENS TRACER/BLOCKER

HANDS FREE BLOCK LOADING

FASTER LENS RECOGNITION

SUPERIOR CAMERA  
AND LENSMETER

FASTER POWER READING

QUICKER TRACING

4x

FASTER SPEED

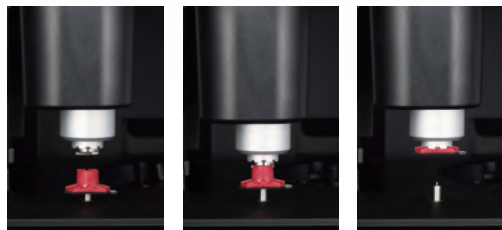
FULL  
AUTOMATION



### HAB-910

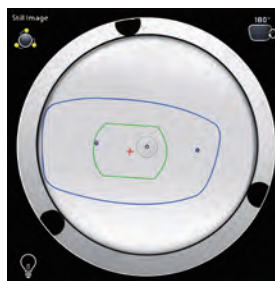
AUTOMATIC LENS TRACER/BLOCKER

Tracing Type	Automatic 3D Binocular Tracing
Tracing Mode	Auto, Semi-Auto (Manual tip-positioning)
Tracing Size	Frame 016.0 - 92.0 mm, Pattern 016.0 - 84.0 mm
Frame Material	Metal, Hard Plastic, Soft Plastic, Ultem
Frame Data Processing	FPD, Frame Curve, Circumference, 3D Angle, Concave Shape (Demo lens)
Measurement	-25D ~ +25D
Sph and Cyl Measurement	-6D ~ +6D (Cylinder included, min. Step 0.01D)
Blocking Tolerance	-0.5 ~ +0.5mm, Axis ± 1°
Blocking Method	Automatic loading block adaptor with magnet Automatic blocking with mechanical arm
Blocking Pressure	2.0 kgf
Lens Recognition Mode	Intelligent, Auto, Manual, Semi-Auto (for laser mark)
Lens Type Recognition	Single, Bi-focal, Progressive, 3-Dot
Digital Scan	Shape, Hole/Slot/Notch, Step bevel line
Blocking Assistance	Gripper, Block adaptor loading check, Block attachment check, Camera zoom, Lens shortage check, PD/OH live adjustment, Auto brightness control
Layout Factors	FPD/DBL, PD (Binocular, Monocular), Cyl Axis, OH (AY, Mixed Height, Box Height), Centering Method (Box Center, Optical Center)
Edging Factors	Lens material (Refer to the edger) Edging type (Refer to the edger) Edging position (Refer to the edger) Edging option: Polishing, Safety beveling, Safety mode
Functions	Job manager, Digital pattern, Hole editor, Asymmetric bevel editor, Scan & Cut shape editor, Step bevel editor, Image/CAD file converter, OMA import/export, CAD file export, Auto job save & transmission, R/L shape correction, DCS/OMA compatibility



#### Auto Block Adapter Loading or "Hands Free"

With just the push of a button, Auto Block Adaptor loads with magnetic sensor and enables lens blocking, regardless of the direction it is placed.



#### Automated Blocking

Lens is placed in the correct position and leap block is loaded with minimal operator effort.

#### Automated Lens Gripping

Secure hold eliminates movement and lens slippage.



#### Intelligent Lens Recognition

Finds optical center and cylinder axis faster and more precisely with a fixed position Hartmann lensmeter and a new optical algorithm complementing optical loss.

**Better laser mark distinction & demo lens scan performance by minimizing the influence of ambient light. No more prism distortion.**

POWER	DIMENSIONS	WEIGHT	SYSTEM COMPATIBILITY	DISPLAY
AC 100-240V 50-60Hz	12.1 (w) x 20.9 (d) x 20.1 (h) in 306 (w) x 530 (d) x 511 (h) mm	52.03 lbs/23.6 kg	Compatible with all Coburn lens edgers.	Tiltable 9.7 inch color LCD display, USB memory, Barcode reader



DIAGNOSTICS



SURFACING



COATING



FINISHING



CONSUMABLES



SERVICE