

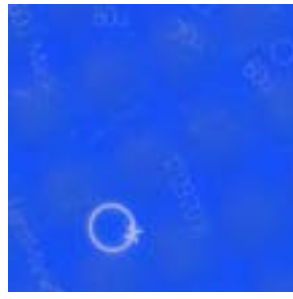


LENS-ENGRAVER-EC

PREMIUM LENS ENGRAVING EXCIMER TECHNOLOGY



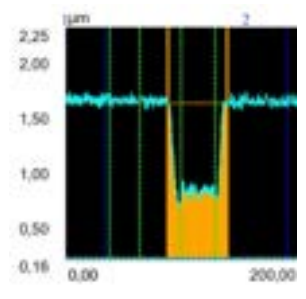
Functional engravings and branding.



Engraving intensity variations.



1,6 mm circle formed by 60 µm dots.



Cross section of single 60 µm dot.

LENS-ENGRAVER-EC

An innovative laser solution, engraves semi-visible markings on all lens materials. Featuring unique marking flexibility and premium engraving quality, it sets a new standard.

FEATURES + BENEFITS

- Excimer laser with 193 nm wavelength, engraves premium quality markings on all organic and mineral glass lens materials.
- Fully automatic process control and stability ensures repeatable and outstanding engraving results- 24/7.
- Advanced laser causes no thermal stress, micro-cracks, or coating delamination.
- Short engraving times- less than 3 seconds per design.
- Outstanding lens marking on tinted lenses.
- Easily integrated into existing LMS systems and any production environment.
- Modular replacement parts for easy servicing and minimized downtime.
- Automated loading with conveyor system.
- Latest laser source technology for low process gas consumption and service cycles.

OPTIONS

- Conveyor height and conveyor direction.
- Branding of eyeglass lenses with standard software possible.

TECHNICAL SPECIFICATIONS

Laser	Excimer laser 193 nm
Marking field	100 mm x 100 mm, Focus depth ±0.5 mm
Productivity	up to 180-210 lenses/hour (valid for 1700 shots per job)
Lens material	All standard organic and mineral materials
Processing gas	20 Liter premix
Dimensions (wxdxh)	1200 x 800 x 1400 mm/ +conveyor 47 x 31.5 x 55 inches
Weight	350 kg / 771 lbs
Power	230 VAC/110V (USA), 10A, 50/60 Hz



All technical data subject to change without notice. Verify details with Satisloh.

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