



# METRO-LAB FILM

IN-HOUSE EXPRESS PRODUCTION OF PREMIUM QUALITY LENSES WITH A LOW INVESTMENT

## THE SPEED CUSTOMERS DEMAND

Consumers expect same or next day delivery of premium products at highest quality and Satisloh's Metro-Lab Film delivers. A fast, yet low investment, lens production platform that helps small and in-store labs expand their product offering by producing in-house top quality digital lenses with AR coating. And close to the consumer for fastest service.

## LOCAL PRODUCTION

Small and in-store labs with limited capital and/or space, now have the ability to keep the value-added processes in-house eliminating their dependency on external sources for quality and delivery dates, while generating additional revenue and profit.

## PREMIUM LENSES

Extend your offering with film laminated lenses, more impact resistant and with better aesthetics.

- More stable and up to 18 times more shock resistant\* than conventionally coated.
- Eliminates potential visual imperfections like interference fringes (Newton rings) that occur with non-index matched hard coatings.

\* compared to FDA standard requirements

## A FUTURE-PROOF SOLUTION

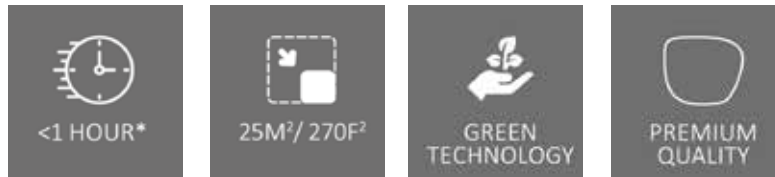
Metro-Lab Film is a turn-key solution that provides unsurpassed production stability for small spaces. Perfectly matched machines and processes as well as full compatibility with leading lens design and management software packages, ensure smooth production. And it's easy to operate and maintain.

## GROW AS YOU GO

The modular concept provides complete freedom for lab expansion as volume grows. Efficient processes mean low personnel requirements. Metro-Lab Film enables fast return of investment and high business profitability.

# A SIMPLER ALLOY-FREE DIGITAL LENS PROCESSING AND COATING PLATFORM

The Metro-Lab Film is a perfect solution for small and in-store labs that want to offer complete digital surfacing, coating and edging but have limited space and resources. Satisloh's ART technology and film laminated lenses maximize the system's speed and coating process quality.



*\*depending on lens material mix*

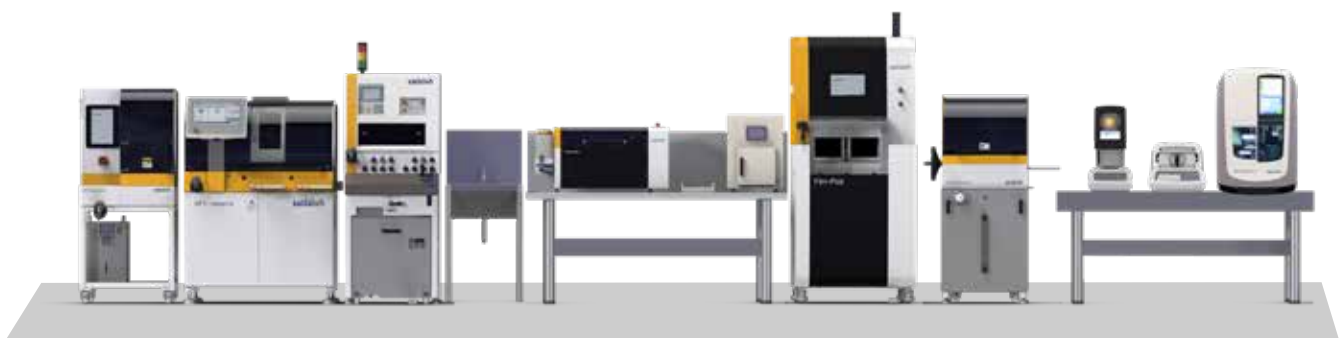
## ART (Alloy Replacement Technology)

Satisloh's ART is an environmentally-friendly alternative to traditional alloy lens blocking. ART utilizes a universal, reusable plastic block piece and a fast UV-curable adhesive that eliminates cooling time after blocking. This synthetic material combination eliminates hazardous substances like heavy metals and their discharge into the water cycle, helping protect both environment and staff.

## Film Lamination (Hard & AR Coating)

Satisloh's® Film Lamination technology utilizes a sophisticated, all-in-one, multi-layer film (Satisloh Tech-Film) that's laminated to the lens in a few easy steps- completely replacing conventional coating. The system drastically cuts investment costs, space needs, and coating complexity. No need for expensive hard and AR coating equipment, a clean room, or highly skilled staff. It can be easily operated after only a short training.

*From blocking, generating, polishing, film laminating, deblocking and edging in 25m<sup>2</sup>/270 f<sup>2</sup>. 200 lenses in an 8 hour shift with only 2 people.*



BLOCKING GENERATING POLISHING CLEANING PLASMA ETCHING LAMINATING DEBLOCKING EDGING

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

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