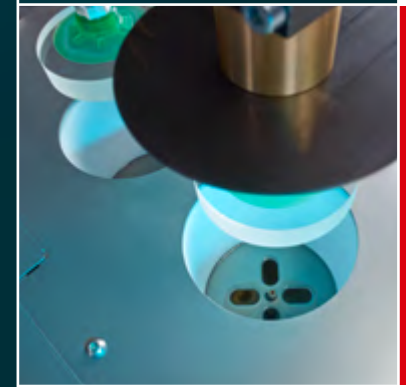


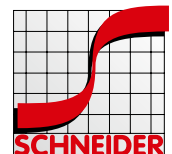
Modulo Line



Lens protection

SPP modulo

Automated lens protection, intelligently combined



Fascination for Innovation

SPP modulo

The fully automated spin protection system, SPP Modulo, optimally protects lenses during surfacing utilizing UV-curable liquid protection layers. Problems with wrinkles, bubbles or detaching, commonly known with current taping solutions, are a thing of the past. Ideal pre-conditions for autoblocking.

The smart automation system handles eight lenses at a time, swiftly transferring them from station to station. While two lenses are covered with the thin film lacquer protection layer, another two are already being cured using UV light at the next station. At the same time, the next two lenses are loaded and another two are transferred back to the job tray.

The UV-curable protection layer is evenly distributed across the lens optimally covering it while adhering tightly to it – even with extremely curved lenses or extreme flat top bifocals. Bubbles or wrinkles are prevented that often result in power or cosmetic defects.

One filling of the lacquer tank lasts all shift long and can be refilled quickly and easily, resulting in uninterrupted processing and minimum downtime. No hassles with tape replacement.

After processing, the protection layer can be removed easily with SCHNEIDER's solutions for deblocking and tape-stripping.

technical data	
lens diameter	up to ø 85 mm
lens material	CR39, Hi-index, Polycarbonate, Trivex®
lacquer tank capacity	1l (33.82 fl.oz.)
curing method	UV LED
power consumption	2.3 kVA avg.
air requirement	min. 6 bar (87 psi)
weight machine	approx. 500 kg (1103 lb.)
dimensions without control panel (width x depth x height)	approx. 1560 x 1351 x 1715 mm (62 x 54 x 68 inches)

All data subject to change without notice. Please verify details with SCHNEIDER.

Benefits

- Fully automated lens protection
- No bubbles, wrinkles, or detaching – even with extreme lenses
- Uninterrupted processing all shift long
- Fast and easy lacquer refill
- Ecological solution resulting in significant waste reduction
- More cost effective than tape
- Designed for Modulo Control Center integration

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Efficient lacquer application
 The thin film protection layer is evenly distributed by spraying nozzles.

Quick UV curing
 Ultraviolet light is used to cure the lacquer.

Side-by-side: Tape vs. Spin Protection
 Left: Bubbles and detaching - common problems with tape
 Right: An evenly distributed layer of lacquer optimally covers the lens.

