



Lens protection

# SPP m<sup>o</sup>dulo

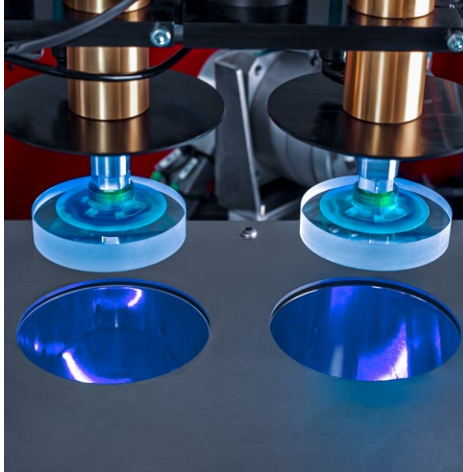
AUTOMATED LENS PROTECTION,  
INTELLIGENTLY COMBINED



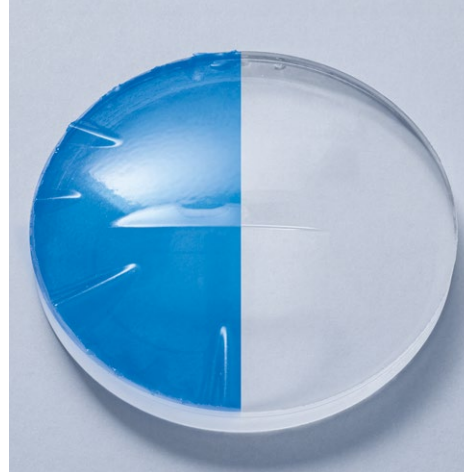
Fascination for Innovation



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



Ultraviolet light is used to quickly cure the lacquer.



Tape vs. Spin Protection side by side.

Left: Bubbles and detaching – common problems with tape

Right: An evenly distributed layer optimally covering the lens.

## 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



**Ecological solution**  
and more cost effective  
than tape.



**No bubbles,  
wrinkles or detaching**  
resulting in cosmetic defects.



**Significant waste reduction**  
thanks to minimum material  
consumption.

# 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 tape, are a thing of the past. Ideal preconditions for autoblocking.

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

The protection layer is evenly distributed across the lens optimally covering 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 tank lasts all shift long and can be topped up quickly and easily, resulting in uninterrupted processing and minimum downtime.

The protection layer can be removed swiftly with the DTS Modulo.

## 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.

**SCHNEIDER GmbH & Co. KG**  
Biegenstrasse 8–12  
35112 Fronhausen  
Germany  
Phone: +49 (64 26) 96 96-0  
Fax: +49 (64 26) 96 96-100  
www.schneider-om.com  
info@schneider-om.com

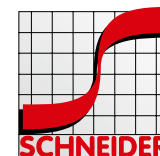
SCHNEIDER Optical Machines Inc.  
6644 All Stars Avenue, Suite 100  
Frisco, TX 75033, USA  
Phone: +1 (972) 247-4000  
Fax: +1 (972) 247-4060  
info-us@schneider-om.com

SCHNEIDER Optical Machines  
do Brasil Ltda.  
Avenida Tucunaré, 574  
Cond. Palmar Modular – Modulo 1  
Tamboré  
06460-020 Barueri – SP  
Brazil  
Phone: +55 (11) 4777-1717  
info-brasil@schneider-om.com

SCHNEIDER Optical Machines  
(Shanghai) Co., Ltd.  
Room 202, 2nd Floor, Building 16  
481 Guiping Road  
200233 Shanghai – Xuhui District  
Phone: +86 (21) 61 48 00 61-120  
Fax: +86 (21) 61 48 00 65  
info-cn@schneider-om.com

SCHNEIDER Optical Machines  
Asia-Pacific Co., Ltd.  
Piya Place Lungsuan Building  
29/1, Tower B, 9th Floor, Unit 9B  
Soi Lungsuan Ploenchit Road  
Lumpini, Pathumwan  
Bangkok 10330, Thailand  
Phone: +66 (0) 2014-4690-2  
Fax: +66 (0) 2014-4693  
info-asia@schneider-om.com

For a complete list of SCHNEIDER agencies, please visit [www.schneider-om.com](http://www.schneider-om.com)



Fascination for Innovation