

SOLOS

Beyond Conventional Lensometry



TOPCON Healthcare

SEEING EYE HEALTH DIFFERENTLY

SOLOS enables
advanced, accurate
lens analysis with
the touch
of a button



SOLOS is a fully automated lensmeter with a full range spectrometer that detects, measures and marks single vision, progressive and other multifocal lenses glazed in a spectacle frame or as uncut lenses.

Features



Automated, One-Touch
Operation



Lens Mapping



UV-A, Blue Light and
Visible Light Transmittance
Measurements



Automatic Marking



Automatic Lens
Type Detection



Wireless Data
Transfer



Extended Measurement
Range (Up to +/- 20D)

Simple Workflow

SOLOS combines a mapping-type lensmeter with a full-range spectrometer and lens marking for advanced lens analysis.

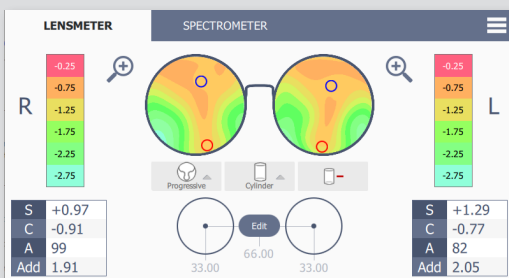
With a single touch, SOLOS automatically positions each lens, detects the lens type and performs comprehensive measurements of both lenses within a spectacle frame.

The spectral transmittance meter is designed to measure light wavelength transmission in all types of lens material. The transmittance graph helps explain the benefits of UV-A and blue light protection to the eyeglass purchaser.

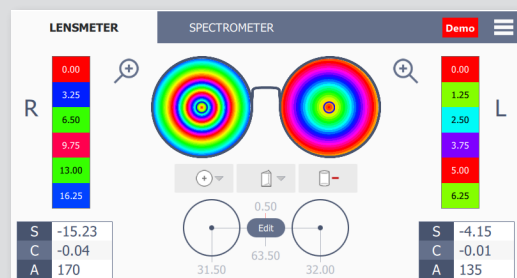
Measurement results can be sent to the built-in printer and can be exported to an EMR, Topcon's CV-5000S digital phoropter or Chronos binocular refraction system.



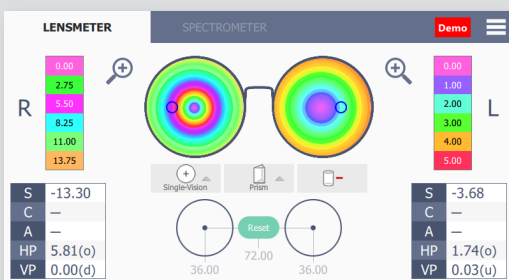
Comprehensive Measurements



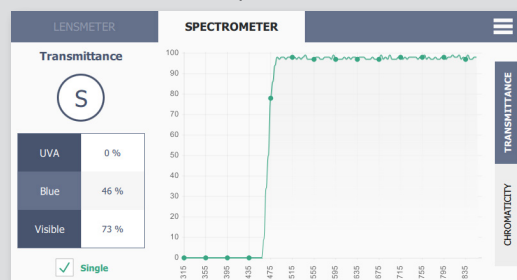
Progressive Lens



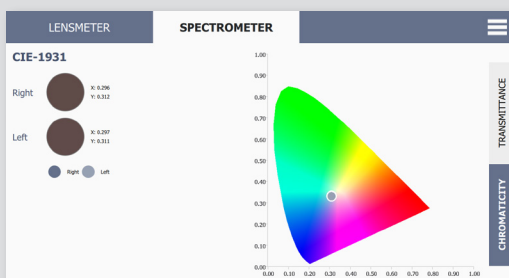
Sphere, Cylinder, Axis, Add and Pupil Distance



Prisms - Cartesian Coordinates



UV-A, Blue and Visible Light Transmittance Percentages



Lens Tint - CIE Chromaticity

Specifications

General data

Dimensions	W245mm x H450mm x D354mm
Weight	<ul style="list-style-type: none"> • Net Weight: 8kg • Cables and user manual: 2kg • Packaging: 3.2kg
Printer	Internal (thermal)
Screen	Touch screen LCD/16M colors, 7"
Light source	Green e-line source
Working conditions	10°C to 40°C
Power supply	AC 100 - 240V — 50/60Hz
Classification	Class I Medical Device - EU Regulation 2017/745
Standards	ISO 8598
Data output	LAN, Wi-Fi

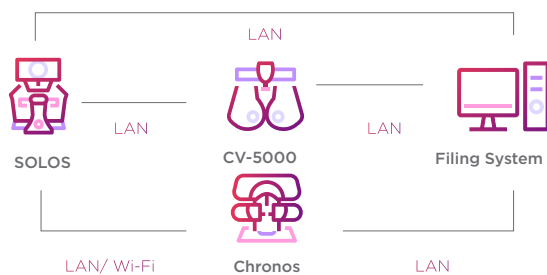
Measurement range

Sphere power	-20D ~ +20D (step 0.01, 0.125, 0.25D)
Cylinder power	-10D ~ +10D (step 0.01, 0.125, 0.25D)
Cylinder axis	0 ~ 180° (step 1°)
Addition power	-4D ~ +4D (step 0.01, 0.125, 0.25D)
Prism power	-10D ~ +10D (step 0.01)
PD measurement	Mono / Bino
Cylinder	- / +

Others

Spectrometer	315nm – 800nm
Automatic Marking	Optical Center and Axis (framed glasses or uncut lenses)

Connectivity



* Not available in all countries, please check with your distributor for availability in your country
 * Subject to change in design and/or specifications without advanced notice

IMPORTANT In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

TOPCON CORPORATION

75-1 Hasunuma-cho, Itabashi-ku, Tokyo 174-8580, JAPAN.
 Phone: +81-(0)3-3558-2522/2502 Fax: +81-(0)3-3965-6898
www.topconhealthcare.jp

TOPCON EUROPE MEDICAL B.V.

Essebaan 11, 2908 LJ Capelle a/d IJssel
 P.O. Box 145, 2900 AC Capelle a/d IJssel
 THE NETHERLANDS
 Phone: +31-(0)10-4585077
 Fax: +31-(0)10-4585045
 E-mail: medical@topcon.com
www.topconhealthcare.eu

TOPCON HEALTHCARE SOLUTIONS EMEA OY

HQ & PRODUCT DEVELOPMENT
 Saaristonkatu 23, 90100 Oulu, FINLAND
 Phone: +358-20-734-8190
 E-mail: thsemea.sales@topcon.com
www.topconhealth.eu

TOPCON DANMARK

Praestemarksvej 25, 4000 Roskilde
 DANMARK
 Phone: +45-46-327500
 Fax: +45-46-327555
 E-mail: info@topcon.dk
www.topconhealthcare.eu

TOPCON SCANDINAVIA

Neongatan 2, P.O.Box 25, 43151 Mölndal SWEDEN
 Phone: +46-(0)31-7109200
 Fax: +46-(0)31-7109249
 E-mail: info.hcs.se@topcon.se
www.topconhealthcare.eu

TOPCON ESPAÑA

HEAD OFFICE
 Frederic Mompou, 4, 08960 Sant Just
 Desvern Barcelona, SPAIN
 Phone: +34-93-4734057
 Fax: +34-93-4733932
 E-mail: medica@topcon.com
www.topconhealthcare.eu

TOPCON ITALY

Viale dell' Industria 60,
 20037 Paderno Dugnano, (MI) ITALY
 Phone: +39-02-9186671
 Fax: +39-02-91081091
 E-mail: info@topcon.com
www.topconhealthcare.eu

TOPCON FRANCE MEDICAL

1 rue des Vergers, Parc Swen,
 Bâtiment 2, 69760 Limonest, FRANCE
 Phone: +33-(0)4-37 58 19 40
 Fax: +33-(0)4-72 23 86 60
 E-mail: topconfrance@topcon.com
www.topconhealthcare.eu

TOPCON DEUTSCHLAND MEDICAL

Hanns-Martin-Schleyer Strasse 41,
 D-47877 Willich, GERMANY
 Phone: (+49)2154-885-0
 Fax: (+49)2154-885-177
 E-mail: info@topcon-medical.de
www.topconhealthcare.eu

TOPCON POLSKA SP. Z. O. O.

ul. Warszawska 23, 42-470 Siewierz POLAND
 Phone: +48-(0)32-670-50-45
 Fax: +48-(0)32-671-34-05
 E-mail: info@topcon-polska.pl
www.topconhealthcare.eu

TOPCON (GREAT BRITAIN) MEDICAL LIMITED

Topcon House, Kennet Side, Bone Lane,
 Newbury, Berkshire RG14 5PX
 UNITED KINGDOM
 Phone: +44-(0)1635-551120
 Fax: +44-(0)1635-551170
 E-mail: medical.tgbm@topcon.com
www.topconhealthcare.eu

TOPCON IRELAND MEDICAL

Unit 292, Block G, Blanchardstown,
 Corporate Park 2 Ballycoolin
 Dublin 15, D15 DX58, IRELAND
 Phone: +353-12233280
 E-mail: medical.ie@topcon.com
www.topconhealthcare.eu



VIA IMAGING S.R.L.
 Via Martin della Libertà 95/e
 52027 San Giovanni Valdarno (AR) Italy



SEEING EYE HEALTH DIFFERENTLY