

SOLOS

Automatic Lens Analyzer

Beyond Conventional Lensometry




Advanced lens analysis for an enhanced customer experience with the touch of a button


Experience the power of SOLOS, an automated lensmeter with a full-range spectrometer. Detect, measure and mark single vision, progressive, and multifocal lenses effortlessly. With added distortion maps for progressive lenses, SOLOS enhances understanding of lens performance for operators and patients. Enjoy seamless workflow and effortless operation with just a single touch.


* SOLOS does not support tri-focal lenses



Overview


**Automated,
One-Touch Operation**



**Lens Mapping with
Distortion Map**


**UVA, Blue Light, and Visible
Light Transmittance
Measurements**


**Automatic
Lens Marking**


**Automatic
Lens Type Detection**


**Wireless
Data Transfer**


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

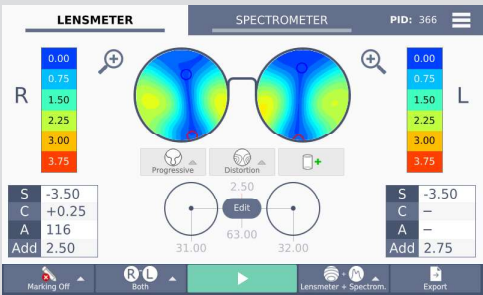

**Detailed PDF
Reports**

Distortion Mapping

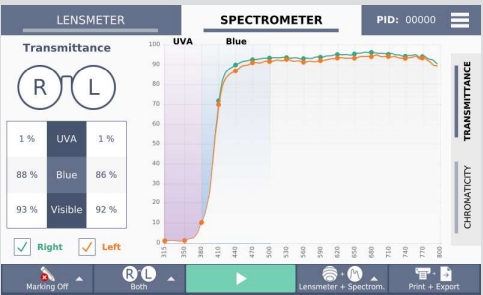
When assessing progressive lenses, SOLOS automatically generates distortion maps for your convenience. These maps visually highlight optimal viewing areas and identify any potential zones of distorted vision, facilitating comprehension for both operators and patients. Leveraging this powerful tool can effectively promote premium lens options, elevating the overall patient experience.

Seamless Workflow

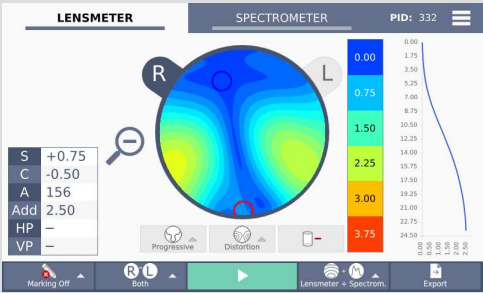
SOLOS combines a lensmeter, spectrometer and lens marking capabilities to transform lens analysis. With the touch of a single button, SOLOS quickly positions and identifies lens types, providing comprehensive measurements for both framed and uncut lenses. Results can be printed or exported to EMR, Topcon's CV-5000S, or Chronos binocular refraction system. Generate detailed PDF reports for in-depth analysis for use when dispensing spectacles.



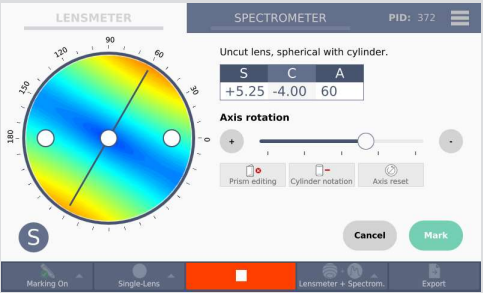
Progressive Lens



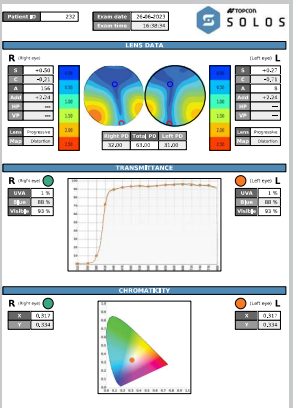
UVA, Blue, and Visible Light Transmittance



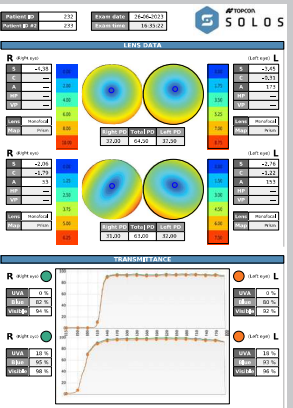
Detailed Lens Mapping



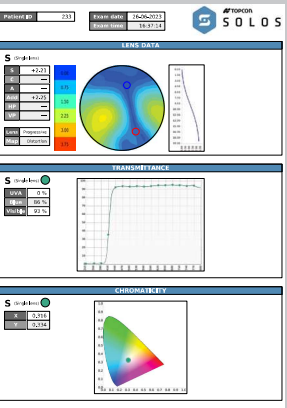
Lens Marking



Basic Report



Comparison Report



Single Lens Report

Specifications

General data

Dimensions	W245 mm x H450 mm x D354 mm
Weight	Net Weight: 8.0kg Cables and user manual: 2.0kg Packaging: 3.2kg
Printer	Internal (thermal)
Screen	7" Touch screen LCD/16M colours
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 and US FDA 21 CFR
Standards	ISO 8598
Data output	LAN, Wi-Fi

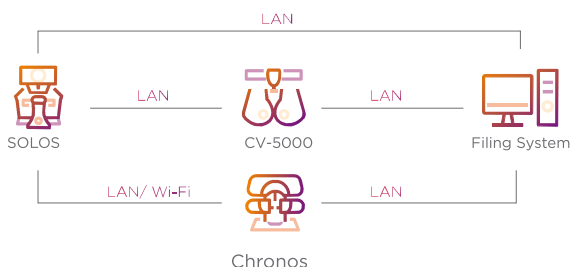
Measurement range

Sphere power	-20D ~ +20D (step 0.01, 0.0625, 0.125, 0.25D)
Cylinder power	-10D ~ +10D (step 0.01, 0.0625, 0.125, 0.25D)
Cylinder axis	0 - 180° (step 1°)
Addition power	-4D ~ +4D (step 0.01, 0.0625, 0.125, 0.25D)
Prism power	-10D ~ +10D (step 0.01)
PD measurement	Mono / Bino
Cylinder notation	- / +

Other

Spectrometer	315nm - 800nm
Automatic marking	Optical centre and axis (framed spectacles or uncut lenses)

Connectivity



TOPCON HEALTHCARE UNIVERSITY

Eye Health Education Begins Here: learning.topcon.com
or scan/click the QR code



Note 1: Not available in all countries, please check with your distributor for availability in your country
Note 2: Subject to change in design and/or specifications without advanced notice

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