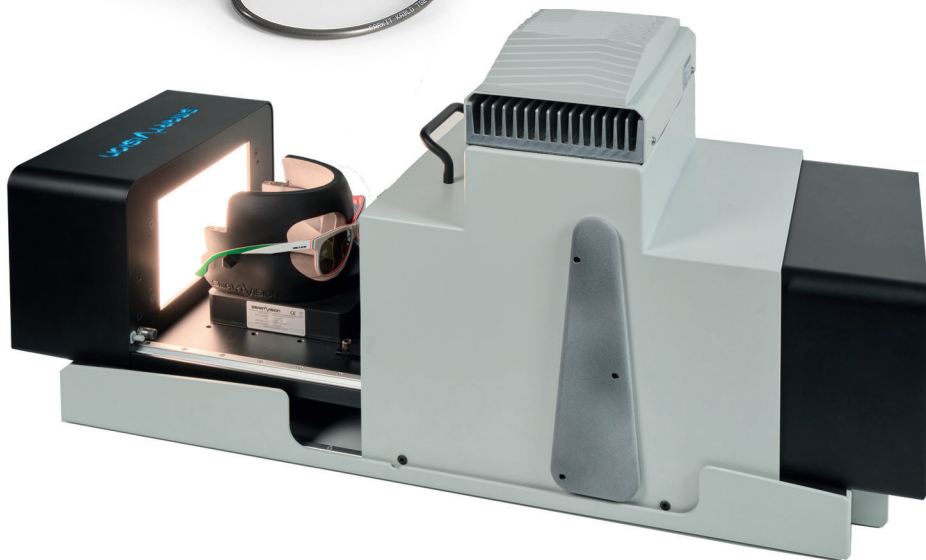


NEW



Smart, High-Performance, Accurate, Full-Automatic

PhotoChromatic_Smart_Tester Smart_PhotoChromatic_Device Option

Transmittance, Uniformity & Polarization Axis Tester
for Photochromic Lenses with Dynamic Analysis

PhotoChromatic_Smart_Tester

Transmittance, Uniformity & Polarization Axis Tester for Photochromic Lenses with Dynamic Analysis

PhotoChromatic_Smart_Tester is the combination of Smart_Tester & Smart_PhotoChromatic_Device Option. This New HW/SW Solution, enables the **Photochromic Lens Activation** on UV-Visible Range directly inside the **Measuring Chamber** of the instrument. It also allows carrying out Quality Control tests with a single device.

PhotoChromatic_Smart_Tester automatically perform the following tasks for Photochromic Lens analysis:

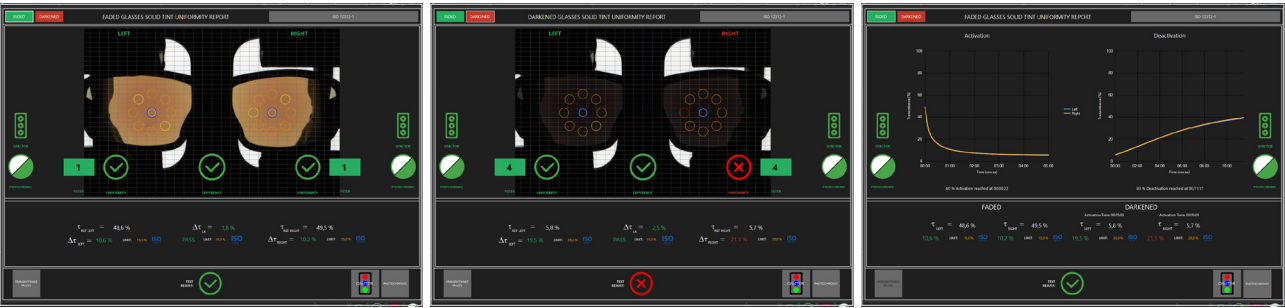
- Fast Measurement of the Polarization Axis and Transmittance Uniformity in the Faded state;
- Activation of Photochromic Lenses;
- Fast Measurement of the Transmittance Uniformity in the Darkened state.

With the **Dynamic Option** it is also possible to measure:

- The transmittance curve over time during the activation/deactivation process;
- The activation and deactivation time.

The **Light Activation Spectral Range** conforms to **ISO 18526-2** and the PhotoChromatic_Smart_Tester Measuring Chamber protects the operator from Artificial Optical Radiation (AOR). An interlock system stops the activation process if the door is open.

PhotoChromatic_Smart_Tester is suitable for activating SunGlasses & SkiGoggles.



Example of Faded Glasses Solid Tint
Uniformity Check

Example of Darkened Glasses Solid Tint
Uniformity Check

Dynamic Analysis with Graph Curve
Report

Features & Benefits

- Smart_PhotoChromatic_Device is specifically designed to be used inside the Smart_Tester
- Smart_Tester + Smart_PhotoChromatic_Device Option = PhotoChromatic_Smart_Tester (New instrument)
- HW/SW Solution for UV & Visible Automatic Photochromic Lens Activation
- Suitable for activating SunGlasses of Different Shapes
- Optional Temperature Control Module - Ensures temperature stability inside the measuring chamber at 23 °C, with an ambient temperature range 15 - 25 °C
- UV-VIS Spectral Range 300-500 nm as required by the International Standard ISO 18526-2
- Integrated Software on Smart_Tester for Automatic Activation Process and Measurement
- Customizable Activation Time
- Customizable Activation / Deactivation thresholds (for dynamic option)
- Full Automatic Report with Faded, Darkened and Graph Curve of the Dynamic Analysis (Optional)
- Smart_Tester Measuring Chamber protects the operator from Artificial Optical Radiation (AOR)
- Automatic Interlock System to stop the activation process if Measuring Chamber is open
- Ozone-free
- Reduces Time & Cost of Quality Control
- 100% Made in Italy: High Level of Quality and Innovation

