

NEW



Smart, Plug-and-Play, Easy-to-Use, Full-Automatic

Smart_PhotoChromic_Device PhotoChromic_Smart_Tester

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

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Smart_PhotoChromic_Device is a HW/SW Solution designed for use with Smart_Tester. Thanks to this Accessory it is possible the Photochromic Lens Activation on UV-Visible Range directly inside the Measuring Chamber of Smart_Tester, and carry out Quality Control tests with a single instrument.

Smart_PhotoChromic_Device with Smart_Tester automatically perform the following tasks for Photochromic Lens analysis:

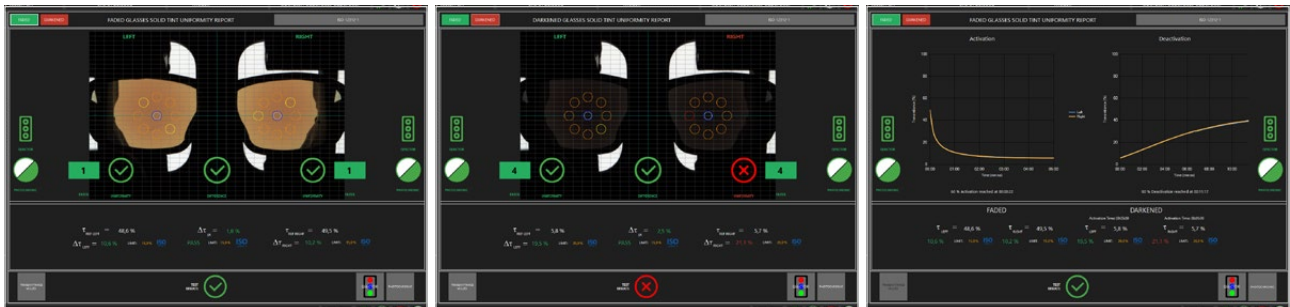
- Fast Measurement of the Polarization Axis and Transmittance Uniformity in the Faded state;
- Activation of Photochromic Lenses;
- Fast Measurement of the Transmittance Uniformity in the Darkened state.

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

- Transmittance curve over time during the activation/deactivation process;
- Measurement of activation and deactivation time.

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

Smart_PhotoChromic_Device with Smart_Tester is suitable to activate 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

- UV & Visible Automatic Photochromic Lens Activator Designed for use inside on Smart_Tester
- Suitable to Activate SunGlasses of Different Shapes
- UV-VIS Spectral Range 300-500 nm as required of International Standard ISO 18526-2
- Integrated Software on Smart_Tester for Automatically 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
- Reduce Time & Cost of Quality Control
- 100% Made in Italy: High Level of Quality and Innovation