Smart, Compact, Easy-to-Use

Smart_PhotoChromicActivator
UV & Visible Photochromic Lens Activator

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"Smart_PhotoChromicActivator is a easy and smart turnkey solution for UV & Visible Photochromic Lens Activation"

Easy & Smart

Smart_PhotoChromicActivator is a **Photochromic Lens Activator on UV + Visible Spectral Range**, equivalent to the standard method, suitable to activate lenses of **different shapes**.

Extremely Easy-to-Use and **Fully Programmable**, the intuitive touch screen user-interface allows the employment of **unskilled workers** for in-line control and incoming inspection.

Industrial & Compact

The Smart_PhotoChromicActivator is a Compact and Resistant **Stand-alone device**. No pc or additional external control units are required.

The **Activation Chamber protects the operator from ROA** and the interlock system stops the activation process if the door is open. An acoustic signal indicates the end of process.

Accurate Solution

The **Smart_PhotoChromicActivator** is ideal for the **accurate and complete control of transmittance properties**, according to International Standards, **combined with Smart_Color**, Fast & Accurate Spectrophotometer for industrial producers of plano Lenses, SunGlasses, SkiGoogles & Masks.

Touch-and-Play

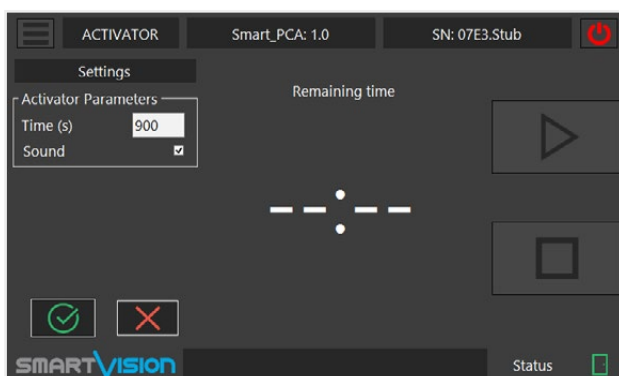• Touch-screen
• User-friendly interface

Different Shapes
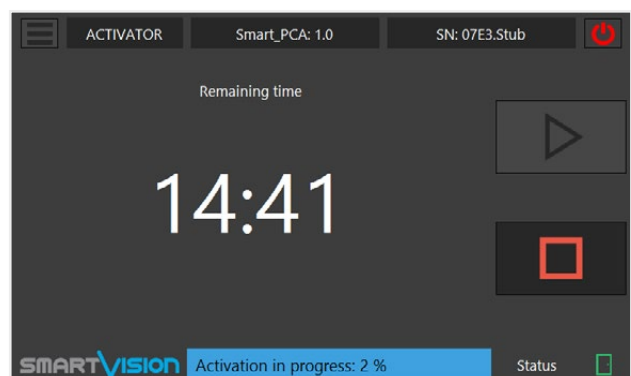
Smart_PhotoChromicActivator
Hardware Features

Upper housing door for direct light protection

Ligh source area

Lens positioning to Activation Chamber

Opening/Closing door sensor

Static and Fanless Device

Integrated Touchscreen Monitor

Resistant, Compact, Ergonomic and Easy-to-Use device

Dedicated Software

User-friendly Software Interface: Configuration mode

User-friendly Software Interface: Activation mode

Smart_PhotoChromicActivator
Product Highlights

Main Features	Related Benefits
Photochromic Lens Activation on UV + Visible Spectral Range	Lens gets the real color of activated state (Cheap UV Activators doesn't get the real color and they are not International Standard compliant)
	Properly activates new photochromic lenses activated by visible light
Light Activation Spectral Range conforming to ISO 12311:2013	Photochromic International Standard Test is more accurate than with cheap UV activators
High Uniformity of Activated Area	Easier visual inspection and more accurate instrument measuring
Embedded Microprocessor Controller	No PC needed to operate
	Software / Features Upgrade Capability
Embedded Color Touch Screen Display	Easy-to-Use & to read Graphic User Interface
	No Keyboard needed
Adjustable Activation Time (Protected by Password)	Allows a wide range of applications
Adjustable Light Power Density (Protected by Password)	Allows a wide range of applications
Upper housing door for Lens under test with Closing Sensor, interrupt emission when open	Device Safe for the Operator
Beeper	Acoustic Signal for Operator
Rugged, Static, Fanless	Can be used in any industrial environment
Easy-to-Use	Save time & money
	Suitable for unskilled operators
Compact	Save space
Invented & Designed by SmartVision	Creative Design, Efficient & Flexible Support
Made in Italy	High Level of Quality and Innovation

Technical Specification

Spectral Range of operation (nm)	300 - 780
Activation Area[1] (mm)	Ø 20
Activation Chamber[1] (mm)	90x90 H.13
Average lifetime of Lamp (hours)	2500
Monitor	Integrated Touchscreen 5"
Power Supply & Consumption	110-230 Vac	50-60 Hz	2 A
Dimensions (mm)	150x230 H.155
Weight (kg)	2
Case	Black Opaque painted Metal
Software Interface	Language: English

1. The dimensions of the Activation Chamber are not the dimensions of the Activation Area, therefore they have not to be considered as test area.

SMARTVISION
IN LINE QUALITY