



*Smart, Plug-and-play, Easy-to-Use*

**Easy\_Polar**

HW/SW Accessory for Easy\_Tester  
to Check the Standards of Polarized Filters

# About Easy\_Polar

Accessory Solution to Check the Standards of Polarized Filters



*"Advanced Hardware/Software Solution to Check the Standards of Polarized Filters plugged in Easy\_Tester"*

## Smart

Easy\_Polar is an advanced Hardware/Software Solution specifically designed by to upgrade the Easy\_Tester\_Pro in an instrument to **Check the Direction Axis of the Polarization Filter** for SunLenses & SunGlasses according to Standard ISO 12312-1.

## Fast

To Check the Standards of Polarized Filters with Easy\_Polar is **Fast, Accurate, Objective and Repeatable** with a prompt measurements at a record speed (just 1 sec.) and also get, thanks to a simple « Pass / Fail » semaphore output, an **immediate feedback on the test**.

## Productive

**Compatible with Easy\_Tester\_Pro's Smart Tools**, Easy\_Polar is also backward compatible with the previous one Easy\_Tester's (black case model). The **feature "ON/OFF mode"** enable the use of the instrument in modality "Polar" or "Easy Tester". This key feature allow to have **2 Instruments in 1** and Reduce Time & Cost of Quality Control!

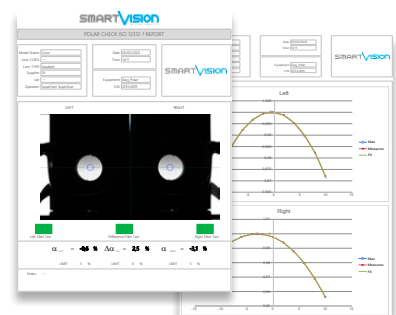
## Easy-to-Use

Easy\_Polar is Automatic, Ergonomic, Plug-and-play, very Easy-to-Use and suitable for unskilled operators. The Software interface is Intuitive, User Friendly, integrated into Easy\_Tester\_Pro and all the results can be print or exported in excel and pdf files too.

## Dedicated Software



- User interface integrate on Easy\_Tester
- Easy-to-Use with an intuitive GUI
- Camera live view for precise positioning
- Customizable setting parameters
- Full automatic data reports, Excel & PDF
- Remotely managing Software Options
- Upgradability for future Standards



# Highlights

Easy\_Polar: Accessory to Check the Standards of Polarized Filters

Rugged,  
Ergonomic,  
Plug-and-play

Polarizer Filter

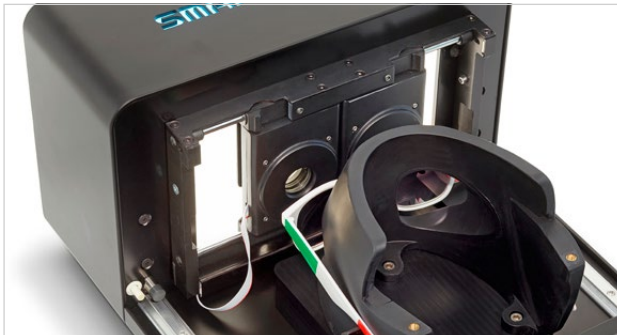
Opaque Black  
painted metal

Polarized glass

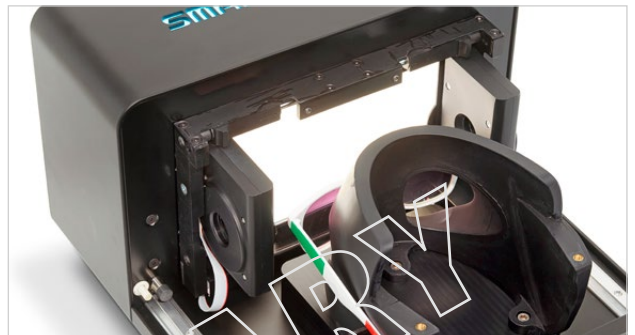
Measuring System

Power Supply and  
Controller Module

Calibration Kit



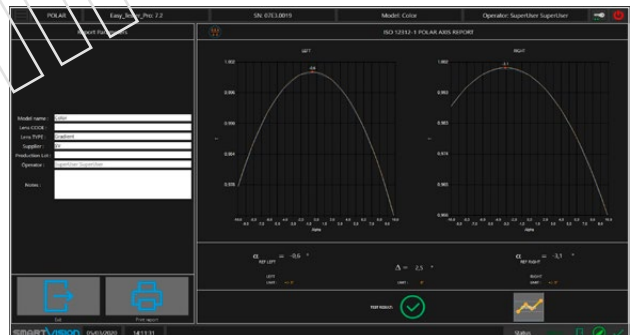
**Easy\_Polar mode ON:** configuration for polarized use



**Easy\_Polar mode OFF:** to a standard use of Easy\_Tester



**Polar Axis Check:** immediate display of « Pass / Fail » test



**Polar Axis Report:** display values of polarization trend

# Features & Benefits

## Easy\_Polar: Accessory to Check the Standards of Polarized Filters

### Main Features

Check the Standards of Polarized Filters

Specifically Designed for use on Easy\_Tester

Static, Resistant, Compact, Ergonomic

Fully automatic test

Measurements at a record speed (just 1 sec.)

« Pass / Fail » semaphore output

Full Automatic Data Report

Polar Axis Report

Invented & Designed by SmartVision

Made in Italy

### Related Benefits

Test according to the International Standards

Only One Instrument suitable for check the Uniformity and the Direction Axis of the Polarization Filter according to International Standards

Save space on site

Suitable for unskilled operators

Accurate, Objective and Repeatable check

Reduce Time & Cost of Quality Control

Save Time and Money

Have a prompt feedback

Immediate feedback on the test

Full automatic Production Batch in Excel file

Full traceability of the performed test

Polar Axis Report values file output

Full automatic Technical Data Sheet printables reports

Creative Design, Efficient & Flexible Support

Based on many years of experience in industrial field and lab

High Level of Quality and Innovation

## Technical Specifications

**Case** Opaque Black painted metal

**Dimensions (mm)** 245x75 H.150

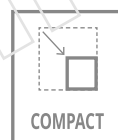
**Weight (kg)** 0,680

**Power Supply** 110-240 Vac | 50-60 Hz

**Power Consumption** 2 A

**Communication Interface** USB 2.0

**Software Interface** Language: English



©2020, SmartVision. Technical specifications are approximated and are subject to change without notice. Printing errors excepted.

**SMARTVISION**  
IN LINE QUALITY