Overview

Product name	TE292-VIS-IR
Principle	Narrow-band interference filter plate for spectral sensitivity measurement In the visual and infrared range

Features

Illumination box

Light source	For use with Image Engineering LE7 VIS-IR illumination device (not included)
Wavelength range	380 - 1050 nm (10 nm steps)
Utilizable wavelength range in combination with LE7 VIS-IR	400 - 1050 nm
Bandwidth	10 nm
Diameter interference filters	22 mm
Diameter ND filters	12 mm

Software

System requirements	PC with Windows 7 operating system (or higher)
Functions	• Spectral sensitivity measurement • Creation of ICC profiles • Use of 2D- and 3D-MLUT for profile creation • CIECAM16 implementation for profile creation • Test procedure for evaluating CCMs with different training data • RAW file* processing / dark frame subtraction / batch processing • Validation by comparing camera and predicted RGB values • Generation of Color Correction Matrices (CCM)

- Visual evaluation of ICC profiles with real images
- Export all results to XML or plain text files

General description hardware

Dimensions [W x H x D]	360 x 280 x 30 mm
Weight	2.5 kg
Scope of delivery	Software Calibration file Calibration plate

* In this context, Image Engineering uses the term "RAW file" for files that are created by a digital camera in "RAW-Mode" and are readable by the software dcraw. This does not include RAW-fi les that do not follow any readable image file format. You will have to convert these files to e.g. 16 bit linear tiff first.