

Press Release

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COLOSUS – An Electro-Optical (E-O) Test Solutions from VIS to IR (0.3 μm – 14 μm)

Labsphere and Santa Barbara Infrared (SBIR) developed an integrated electro-optical (E-O) test system – the **COLOSUS** family - a fully-calibrated, turnkey hardware and software solutions from 0.3 μm to 14 μm , including the wavelength range of UV, VIS, NIR, SWIR, MWIR, and LWIR.

Combining the engineering expertise in hardware and software of two industry leaders has resulted in the **COLOSUS** family. This E-O system includes collimated optics, software, and uniform sources, and provides complete test solutions for optical characterization of sensors and cameras. This unprecedented solution is ideally suited for sensor fusion as required e.g. for future autonomous driving systems.

COLOSUS as one system spanning the two worlds of VIS to IR for test and calibration includes the IR Windows 4, a unified software solution with 90+ standard tests, 30+ frame grabber & camera interfaces, real-time testing, which is applicable in operator, developer, and programmer mode.

Today's sensor fusion approaches over the range from the UV to LWIR (e.g. CCD, CMOS, InGaAs, InSb, MCT) needs a unified test solution. Labsphere and SBIR meet this requirement with their unprecedented hardware and software E-O test system **COLOSUS**.

Please contact SphereOptics directly for further information or visit us at the SPIE conference in Warsaw (11th – 14th September 2017) at booth 108.



**Electro-Optical Test System
COLOSUS**

More information:

<http://tinyurl.com/ydz33bm9>