

HELIOS® Plus-AS

Application Specific Custom Systems for Full Testing Solutions



HELIOSPlus-AS is more than a system, it's a capability. It exemplifies our commitment to delivering scalable luminance and radiance sources that meet the unique applications of your technology.

At Labsphere we understand that successful optical and imaging sensing system calibrations, need innovative hardware and software architectures to integrate seamlessly with your existing infrastructure while accommodating your unique testing designs.

By leveraging the modularity of HELIOSPlus components and the simplicity of Labsphere's HELIOSPlus system configuration software, we can easily tailor the HELIOSPlus-AS platform to meet your testing needs. You'll work directly with our leading optical team as we help you determine the modular components and integrating sphere size that's right for your application.

We understand that each operating mode of your technology demands qualitative insight over its entire dynamic range, and we can provide absolute radiometric characterizations of each HELIOSPlus configuration for your success.

We designed our calibration laboratories to ensure fast, repeatable, COMPLETE testing of each system with industry-leading uncertainty.

Why HELIOSPlus-AS?

- Streamlined custom order processing from concept to calibration
- Consultative design approach with a cross functional team of engineers, scientists, and application specialists
- Radiometric, Photometric, Thermal, and mechanical Modeling and Simulation
- In-house manufacturing and machining
- Diffuse reflectance materials and coatings, R&D and production laboratories
- Radiometric calibration labs with accredited processes
- Complete system integration with robust software implementation