



zygo

**Powerful
Interferometric
Measurement
of Aspheres**

The Verifire Asphere+ (VFA+) system enables precise asphere metrology by leveraging Fizeau interferometry — a long-proven method of high-precision and high-resolution optical metrology. It produces full aperture measurements at very high resolution, enabling polishing feedback of the entire optic surface.

**Verifire™ Asphere+
Laser Interferometers**



Fast, flexible and precise asphere metrology

Future Proof

Measure a range of axisymmetric aspheres with only a switch of a reference optic and part design input. This future compatible investment will open the doors for flexible optical fabrication. As a result, your quality assurance becomes more cost effective, is easier to execute and delivers results more efficiently.

New Mx Asphere Software

With a focus on enhancing the user experience, you can easily set up new measurements, diagnose issues, and navigate data and results. Mx enables efficient R&D and prototyping phases and improves production applications with simple one-click setup, alignment and measurement capabilities.

Integrated CGH Tool

ZYGO has redefined the use of CGHs with a unique integration in the VFA+. The flexibility of enabling CGH measurements makes complex asphere shapes easy and ideally suited for production-level volumes.

Support You Can Trust

ZYGO has a direct global network that includes offices in the USA, Europe, and Asia. Our customer service is available when you need it, providing comprehensive support for VFA+.

Innovation in Metrology

Driven by the most rigorous scientific process in the industry today, ZYGO is accelerating innovation in precision metrology applications.

An ever-growing portfolio of more than 750+ patents and a strong, network of R&D facilities, we are proud to support many areas of research.

Industry Workhorse

Consistency with the original VFA, but with speed and productivity enhancements. Existing VFA customers can rest assured that when they upgrade performance, they're not just upgrading business efficiency, they are upgrading results.

Leading Hardware Options and Reference Optics

Precision metrology depends on high-quality reference optics. That's why we design, manufacture and qualify our transmission flats and spheres to provide you with optimum performance from your laser interferometer. Our certified manufacturing and metrology processes are based on NIST approved calibration techniques, ensuring that all ZYGO® reference optics meet or exceed the specified performance.

Offering the broadest and most reliable optical metrology solutions in the industry for more than 50 years! See why ZYGO is the most trusted brand of laser interferometer today.

Metrology without compromise.



Distribution in the UK & Ireland



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