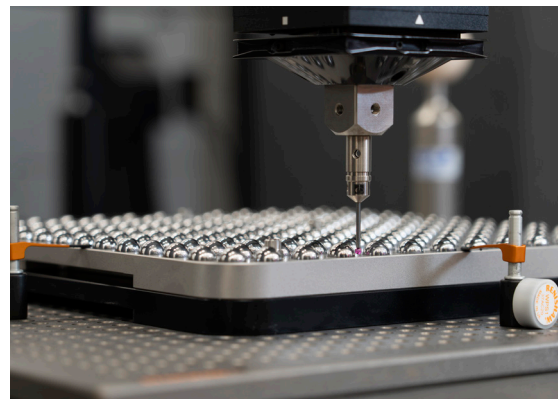


Optical System Verification (OSV)

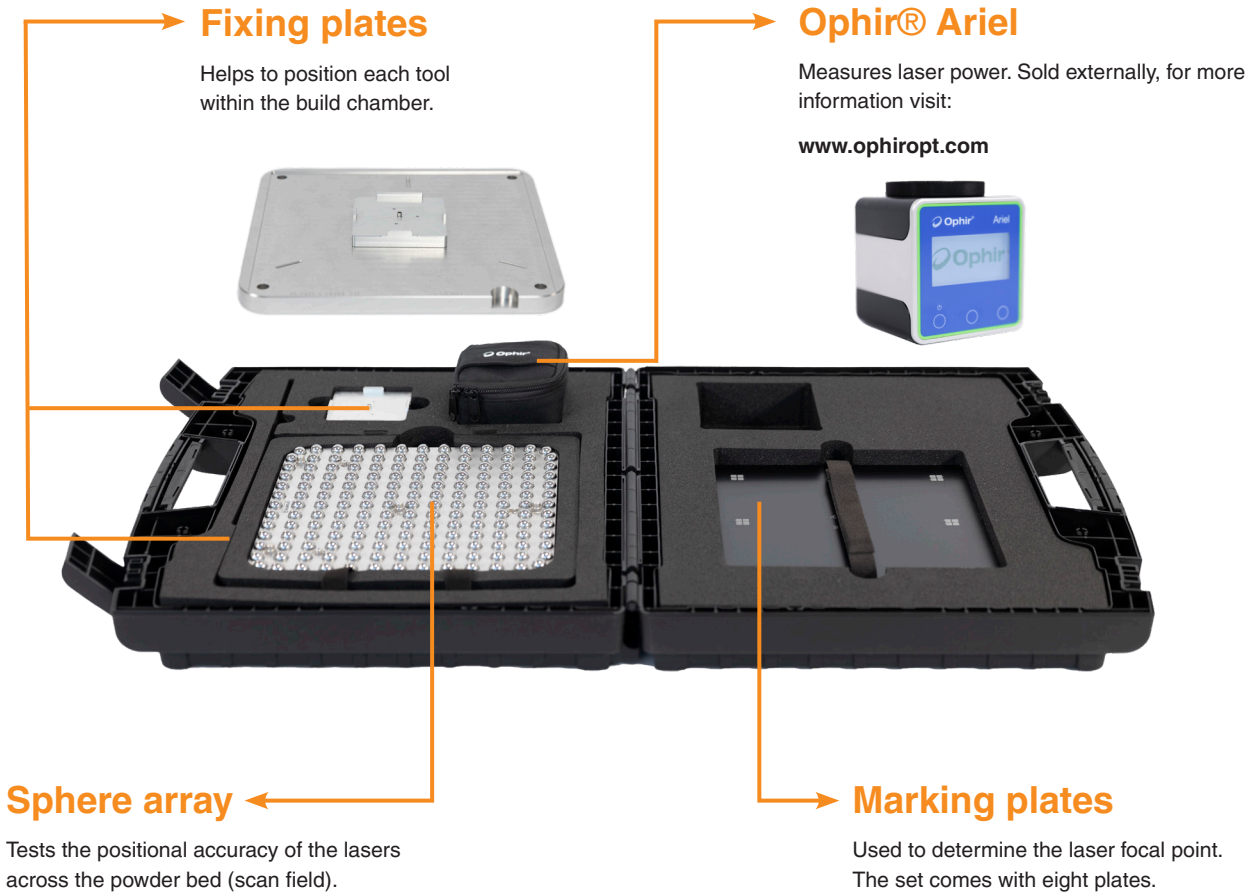
Optical System Verification (OSV) is a process designed to measure and calibrate the lasers in your RenAM 500 series metal additive manufacturing (AM) system. The OSV toolset allows you to check laser focal point, positional accuracy, and test laser power using the Ophir® Ariel (sold externally). These three tests can be completed in under 90 minutes, streamlining your quality control processes to make sure you meet industry standards.

Features and benefits

- Calibration traceability – Track the calibration data applied to every build back to a UKAS-certified laboratory for ultimate confidence.
- Risk mitigation – By verifying your lasers are still performing to specification, you minimise any potential uncertainty in AM system performance before building high-value parts. This is vital in safety-critical applications, such as medical and aerospace industries.
- Putting you in control – Manage your own process quality, on your own schedule.



Toolset overview



Convenience

All components of the OSV testing kit are packaged in one easy-to-handle protective case. One OSV toolset can test multiple RenAM 500 series AM systems spread across your factory floor.


For more information, visit www.renishaw.com/osv



www.renishaw.com/osv

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