AMiRIS-LF

Introducing AMiRIS-LF: Real-time Quality Assurance Solution for Large Format L-PBF

The AMiRIS-LF is the latest chapter in Additive Assurance's ongoing commitment to quality assurance in metal additive manufacturing. Tailored for large format Laser Powder Bed Fusion (L-PBF) systems, this system brings Additive Assurance's unique process monitoring and QA solution to larger production systems, with a focus on aerospace, defence and energy applications.

ADDITIVE ASSURANCE

CONFIDENCE YOU CAN BUILD ON

Additive Assurance's vision extends beyond the typical brand limitations.

AMiRIS-LF is the latest offering in real-time QA from Additive Assurance. This extends from the reach of the standard AMiRIS solution, first introduced in 2021. Today, the standard AMiRIS supports eight different L-PBF machine types in the 200-300mm machine class. The new AMiRIS-LF system supports machines with a bed larger than 400mm, and at launch supports an additional two machine types with more to follow.

"AMiRIS LF is a reflection of our commitment to innovation and quality in additive manufacturing, taking us a step closer to our mission of creating a universal quality assurance solution that works seamlessly across different machine brands."

Marten Jurg, co-founder and CEO of Additive Assurance

AMiRIS-LF Features:

- **100% Build plate coverage**
- **40µm Process resolution, across the entire bed**
- **Global, off-axis, NIR process monitoring**
- **External mounting - No machine modifications**
- **Automated calibration & no machine downtime**

AMiRIS Platform Features:

- **Fully Automated Analytics**
- **Real-time issue detection**
- 1:1 **Part-to-part comparison**
- **Powered by machine learning**
- **Seamless cross machine experience**

Find Faults Fast:

- Machine Faults | Laser Scan Errors
- Geometric Variance | Recoater Interference
- Process Variance | Lack of Fusion | Overmelting

Trust your build with the mark

ADDITIVE ASSURANCE
Quality Assured

Additive Assurance is your competitive advantage.

Speak to our team today to discover what we can do for you.

hello@additiveassurance.com
@AdditiveAssured
additiveassurance.com
bit.ly/addassure

ADDITIVE ASSURANCE

CONFIDENCE YOU CAN BUILD ON