

If it's thinkable, we make it buildable.

Would you like to get the best possible performance out of your Additive Manufacturing chambers? Our team is looking forward to discussing our next-generation gas management and Linde ADDvanceTM O_2 precision with you. Just give us a call or send us an email and get a head start into the future of AM.

Linde - ideas become solutions.

Linde ADDvanceTM O₂ precision.

Managing perfection in additive manufacturing.



Linde North America, Inc.

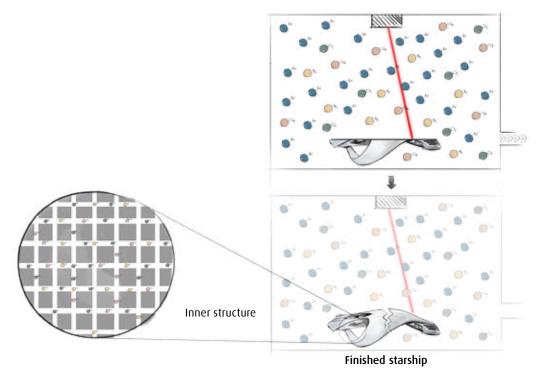
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Linde ADD vance O_2 precision

The right gas composition for your AM jobs.

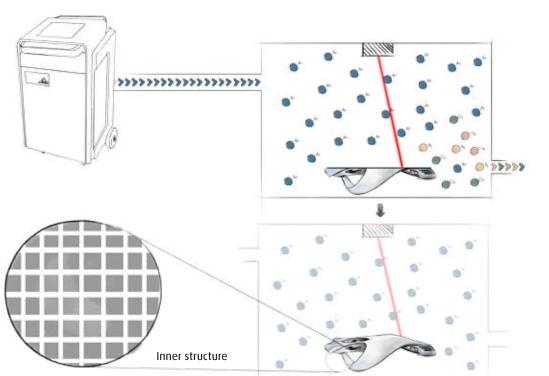
High-end Additive Manufacturing relies on perfect gas composition to generate products with material properties that meet all of your requirements. That is why we have worked with Airbus Group Innovations to engineer a new class of gas management device.

Linde ADDvanceTM O_2 precision is the first solution that lets you define the perfect oxygen level for your material and application, providing perfect results every time.



Unwanted gases can enter the AM chamber through insufficient purging, untight connections, or the metal powder itself.

Imperfect atmospheres lead to discoloration and impaired material properties.



Finished starship

Linde ADDvanceTM O_2 precision reliably maintains your desired O_2 concentration.

The result: Consistently perfect products with all desired material properties.

Perfect results every time.

Linde ADDvanceTM O_2 precision uses state-of-the-art engineering to continuously analyze the gas atmosphere in your powder chamber with high precision and without cross-sensitivity. It recognizes O_2 concentrations as low as 10ppm and automatically initiates a purging process to keep the atmosphere as pure as you need it.

This enables you to choose the perfect atmosphere for any metal and application and guarantees consistent high quality in every single print – with fully unimpaired material properties. Simply the ideal solution wherever maximum quality is the minimum objective.

Linde ADDvance™ O₂ precision

- → Space-saving and universally deployable
- → Simple Plug-and-Play connectivity
- → Ergonomic touch interface
- → No cross-sensitivity
- → 10 ppm accuracy
- → Monitoring of dew point
- → Indication of H₂ traces

