

# Gas solutions for your Desktop Metal™ Studio System™

ADDvance® Sinter250



# Linde & Desktop Metal

The perfect combination for high quality metal parts

## Gas supply for your Desktop Metal™ Studio System™



Printer

The Desktop Metal Studio System printer extrudes bound metal rods to shape 3D printed „green“ parts.



Debinder

Afterwards the part goes in the debinder which removes primary binder and prepares parts for sintering.



Furnace

To create a solid metal component, your 3D printed part must be sintered in the Desktop Metal furnace.



Gas supply

To ensure a high-quality end result with the best mechanical properties, use the Linde gases ADDvance® Sinter250 and argon 5.0.

When you invest in the latest Bound Metal Deposition technology you appreciate the quality and productivity it offers. Your choice of gas supply is a crucial ingredient to the success of your process, having a major impact on your productivity and quality.

But how do you choose the right gases and supply?

# ADDvance<sup>®</sup> Sinter250

Quality guaranteed

Linde can offer you the right gas and supply modes depending on the material you are sintering and your sintering furnace runs.

For a high-quality end product, we recommend using our ADDvance<sup>®</sup> Sinter250 gas when you sinter stainless steel and argon 5.0 when you sinter low alloy and tool steel.

## ADDvance<sup>®</sup> Sinter250 gas for 10 furnace runs or argon 5.0 for 4 furnace runs



ADDvance Sinter250  
or argon cylinder with  
pressure regulator

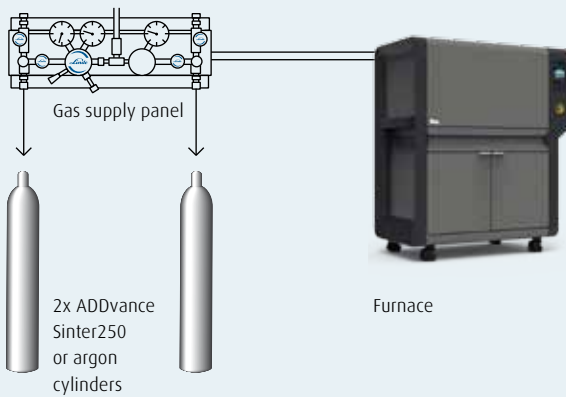


Furnace

Linde gas supply  
contains:

- 1x ADDvance Sinter250 or argon cylinder
- 1x pressure regulator
- 1x gas supply kit
- All required hoses and connectors

### ADDvance® Sinter250 gas for 20 furnace runs or argon 5.0 for 8 furnace runs\*

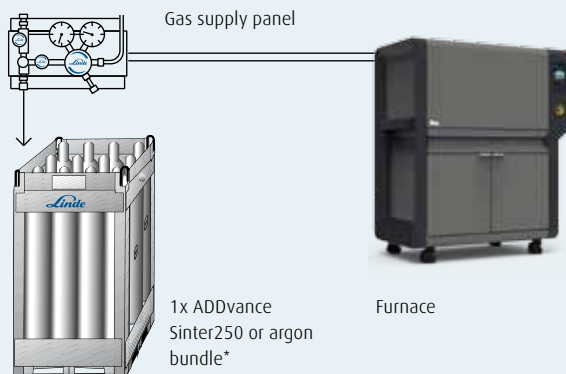


Linde gas supply contains:

- 2x ADDvance Sinter250 or argon cylinders
- 1x semi-automatic gas supply panel
- 1x gas supply kit
- All required pipes and connectors

\*calculations are based on 10,000 liter gas cylinders

### ADDvance® Sinter250 gas for 120 furnace runs or argon 5.0 for 48 furnace runs



Linde gas supply contains:

- 1x ADDvance Sinter250 or argon bundle
- 1x gas supply panel
- 1x gas supply kit
- All required pipes and connectors

\*availability depends on the country

# Linde can help you make the most of your Desktop Metal™ Studio System™ right from the start

We are able to meet any demand and can provide you with complete solutions, including the right gas and equipment, services, continuous gas supply and extensive process know-how.

We recommend you contact Linde as soon as you have ordered your new Desktop Metal Studio System. Linde's network of additive manufacturing trained gas supply engineers,

backed up by a strong global team of additive manufacturing application specialists, look forward to working with you on a solution that meets your specific needs.

We have worked with Desktop Metal to provide you with the perfect gas package to ensure your new Studio System is up and running quickly, smoothly and ongoing.

Email us now at:

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or contact your local Linde office:

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# Getting ahead through innovation.

With its innovative concepts, Linde is playing a pioneering role in the global market. As a technology leader, it is our task to constantly raise the bar. Traditionally driven by entrepreneurship, we are working steadily on new high-quality products and innovative processes.

Linde offers more. We create added value, clearly discernible competitive advantages, and greater profitability. Each concept is tailored specifically to meet our customers' requirements – offering standardized as well as customized solutions. This applies to all industries and all companies regardless of their size.

If you want to keep pace with tomorrow's competition, you need a partner by your side for whom top quality, process optimization, and enhanced productivity are part of daily business. However, we define partnership not merely as being there for you but being with you. After all, joint activities form the core of commercial success.

**Linde – ideas become solutions.**

## **Linde GmbH**

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