3D Ever

ATO Sieve

ATO BY 3DLAB

The ATO Sieve is a compact, mobile, and user-friendly powder sieving station designed for metal Additive Manufacturing. With minimal space requirements, it seamlessly integrates into standard laboratory settings. This device facilitates swift and efficient sieving of small powder batches.

Our solution is designed to work in an inert gas atmosphere suitable for common reactive and non-reactive AM metal powders. Using the same ATO powder container allows for direct powder transfer from ATO atomizers inside argon shield to the Sieve and prevents material from oxygen.

The application of high-frequency ultrasonic vibration prevents screen clogging and guarantees high throughput rates. Alongside screening, the ATO Sieve fills the powder container with inert argon gas to ensure optimal conditions.

The device features a user-friendly interface operated via a touch panel. Additionally, the system can be equipped with an oxygen sensor for enhanced functionality.

KEY FEATURES

- Sieving within argon atmosphere
- Compatible with ATO atomizers powder container to maintain an inert gas atmosphere
- Compact size and low space requirements
- Fast and effective system for screening of small powder quantities
- Various screens with optional mesh sizes available
- Ready to use for smooth 3D metal printing

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TECHNOLOGY

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MAKE METAL POWDER YOURSELF

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