

Introducing

Versa Melt

Arcast is excited to introduce the VersaMelt Inert Gas Atomizer. This system will permit processing of many metal alloy systems all from a single atomizer platform. The multi-configurable melt chamber will allow:

- 1) Conventional melting in a ceramic induction crucible
- 2) Rod feed induction drip melting
- 3) Tube feed cold crucible arc/plasma melting
- 4) Tilt-and-pour cold crucible arc/plasma melting

This versatility can accommodate a wide range of complex alloys, from tin to tungsten. Clean, ceramic-free titanium (or similar metal) powders can be produced using scrap or recycled powder as feed stock. The VersaMelt has a nominal batch capacity of up to 3 kg (steel equivalent) per-cycle and multiple cycles can be performed every day.

The unit has been priced for the budgets of small companies and research establishments and was designed as a useful tool for any organisation contemplating entering the AM/3D printing arena. Arcast was particularly keen to address the issue of recycling powder wastes generated by AM processing. The system was designed to occupy minimal space (less than 4 m cubed) and only requires modest services of water, gas and electricity.

In developing the VersaMelt system, Arcast has listened carefully to the comments of existing customers seeking to develop alloys and powders for the AM industry. We are confident that no other atomizing system currently on the market approaches the versatility of VersaMelt.

VersaMelt is available now as a standard Arcast product. Please contact us to learn more.



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COMPREHENSIVE ENGINEERING SOLUTIONS**

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