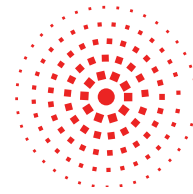


# MULTI-PROCESS ADDITIVE MANUFACTURING FURNACE



**AET**  
TECHNOLOGIES

This multi-process industrial furnace allows you to work with different controlled atmospheres: oxidizing, neutral, reducing and vacuum, up to 1400°C continuously.

Additive manufacturing enables the making of complex parts while reducing the amount of materials used, making it a more cost-effective solution than conventional manufacturing by machining for prototype or short series.



## ABOUT US

Our engineering expertise in heating, atmospheres, vacuum management, mechanical transfers, automation & regulation allows us to provide the perfect answer customized to your needs.

Stand-alone or built-in industrial furnaces, dedicated to production or R&D... We propose turn key equipment thanks to our unique expertise and our proven 50 years track record.

David D'ATTOMA  
CSO

### ✓ Multi materials Fab

This multi-process furnace delivers a continuous 1400°C and is designed for ceramic as well as metal fab (copper, titanium, stainless steel, steel, inconel).

### ✓ Large usable volume

This furnace, composed of a lifting sole, offers an important volume of use. It is fit to treat large dimensions parts as well as smaller parts in batches.

### ✓ Optimized accessibility

This ergonomic equipment has a mobile charging stand with 240° accessibility allowing secure & easy loading/unloading operations.



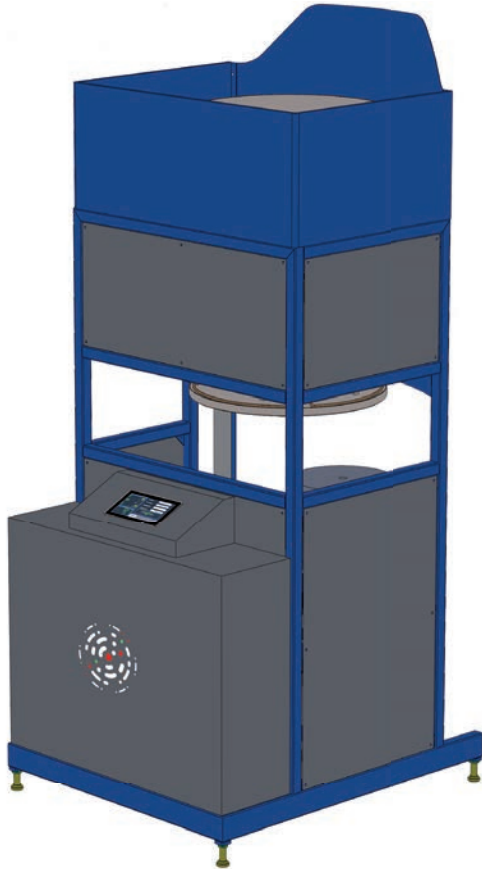
Let's innovate together to reinvent  
today's materials and discover  
tomorrow's.

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## MULTI-PROCESS ADDITIVE MANUFACTURING FURNACE

A furnace that allows you to work in different controlled atmospheres: oxidizing, neutral, reducing and vacuum up to 1400°C continuously.



### Key features

- QUALITY OF THE PARTS PRESERVED**  
 A process chamber with materials compatible with the parts to be treated to avoid any form of pollution.
- OPTIMIZED OPERATING AND MAINTENANCE COSTS**  
 Controlled power to limit electrical consumption. Reliable equipment to limit preventive and curative maintenance.
- SMALL FOOTPRINT**  
 A compact and ergonomic furnace with a footprint below 1.5 m<sup>2</sup> in cycle (2 m<sup>2</sup> in loading/unloading phase).
- CONFIGURATION, MONITORING AND RECORDING OF PROCESS DATA**  
 7-inch color touch screen HMI interface. Front USB for CSV file, Ethernet connection, wifi option.



### Technical Characteristics\*

- Nominal temperature: 1400°C continuous max
- Heating speed: 1200°C/hour max
- Homogeneity: <±10°C
- Manual or automatic loading version
- Vacuum-tight furnace
- Controlled atmospheres: oxygen, neutral, reducing (H<sub>2</sub>/CO)
- Vacuum drain < 1.10<sup>-1</sup>mbar

Ref.*	Ø usable area diameter (mm)	Usable area height (mm)	Max load weight (Kg)	Volume (L)	Power max (kW)
VIK-200	200	200	10	6	11
VIK-350	350	300	20	29	15

\* Under reserve of technical modifications.



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