

Furnace

| The furnace sinters the part.



| Furnace

Fully-automated and sized to fit through an office door, the furnace delivers industrial-strength sintering in an office-friendly package. Built-in temperature profiles are tuned to every build and material to enable uniform heating and cooling.

The vacuum-enabled furnace features a newly-designed retort box to allow for batch processing with increased thermal uniformity—resulting in higher-quality parts.

Footprint

h 161.8 x w 138.0 x d 75.4 cm
63.7 x 54.3 x 29.7 in

Workload envelope

30 x 20 x 20 cm
12 x 8 x 8 cm

Max temperature

1400 °C
2552 °F

Heating

SiC heating elements, 4 sides

Workholding

Adjustable, 6-position graphite trays with ceramic setters

Gas connection

- 2x 900L onboard gas canisters
- External gas connector (optional)

Additional features

- Vacuum-enabled sintering
- Thermal interlocks
- Front-mounted E-stop
- Over-temperature protection
- Removable binder cold trap
- RFID-enabled supply tracking