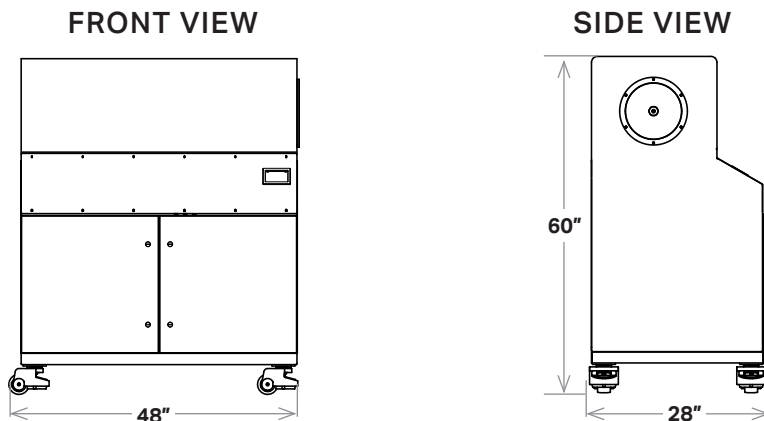


PRODUCT SPECIFICATIONS

# Sinter-2

With a huge active hot-zone (19,644 cubic cm / 1,199 cubic in), the Sinter-2 is the perfect solution for larger parts or batch production. This workhorse furnace processes the full range of commercial grade metals from their washed state into dense metal parts.

|                                  |                            |   |
|----------------------------------|----------------------------|---|
| <b>Furnace Properties</b>        | <b>Materials Supported</b> | Commercial Grade Metals Including: Stainless Steels, Tool Steels, Inconel, & Titanium |
|                                  | <b>Heating Element</b>     | Kanthal   |
|                                  | <b>Controller</b>          | Pre-Programmed Automatic Cycling  |
|                                  | <b>Peak Temperature</b>    | 1300° C / 2372°F  |
|                                  | <b>Sintering Capacity</b>  | Cylindrical - 248 mm ID x 406 mm L (9.8 in ID x 16 in L)                              |
|                                  | <b>Sintering Volume</b>    | 19,644 cubic cm (1,199 cubic in)  |
|                                  | <b>Gas Types</b>           | Inert and Mix Gases   |
|                                  | <b>Retort</b>              | High Purity Refractory Retort (Carbon Free)   |
|                                  | <b>Sintering Surface</b>   | Stackable Ceramic Setter Plates   |
| <b>Safety &amp; Installation</b> | <b>Environmental Req.</b>  | External Exhaust (100 CFM)  |
|                                  | <b>Power</b>               | 200 - 240 V 3-Phase 60A   |
|                                  | <b>Over Temperature</b>    | Protection System Included  |
| <b>Physical Dimensions</b>       | <b>External Dimensions</b> | 1,200 x 700 x 1,500 mm (48 x 28 x 60 in)  |
|                                  | <b>Weight</b>              | 350 kg (772 lbs)  |



**Note:** All specifications are approximate and subject to change without notice