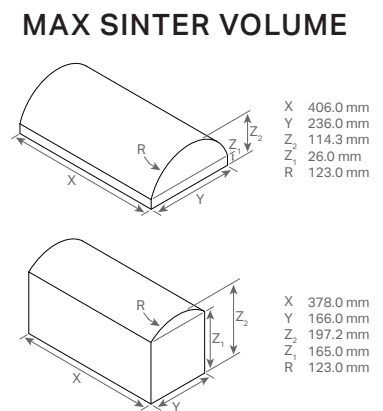
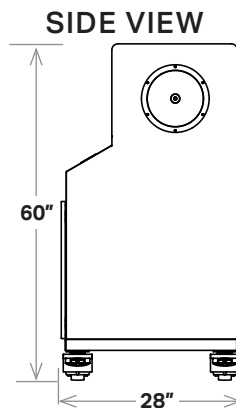
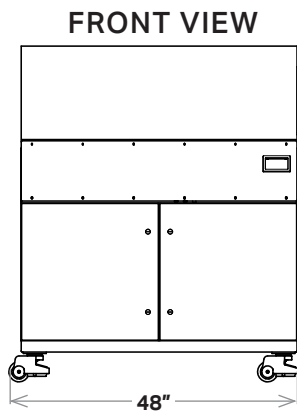


PRODUCT SPECIFICATIONS

# Sinter-2

With an expansive active hot zone (19,644 cm<sup>3</sup> / 1,199 in<sup>3</sup>), the Sinter-2 is the perfect solution for mid-volume batch production and for larger parts. Create high-purity metal parts by using sintering technology built with a carbon-free retort. This workhorse furnace is enabled with rapid cooling technology and can process the full range of commercial-grade metals from their washed state into dense metal parts in as few as 30 hours.

<b>Furnace Properties</b>	<b>Materials Supported</b>	Chemically debound Metal X-printed parts
	<b>Heating Element</b>	Kanthal
	<b>Controller</b>	Pre-programmed automatic cycling
	<b>Sinter Run Time</b>	30 hours,* 17 hours (Small Parts Express Run)**
	<b>Peak Internal Temp.</b>	1,300° C / 2,372° F
	<b>Sintering Capacity</b>	Rectangle w/radius top — 248 mm ID x 406 mm L (9.8 in ID x 16 in L)
	<b>Sintering Workload</b>	12,135 cm <sup>3</sup> (741 in <sup>3</sup> )
	<b>Sintering Surface Area</b>	1,644 cm <sup>2</sup> (254.8 in <sup>2</sup> ) for stackable ceramic setter plate
	<b>Setter Plate Dimensions</b>	Top plate: 24.0cm W x 41.0cm D, (9.4in W x 16.1in D) Bottom plate: 17.0cm W x 41.0cm D, (6.7in W x 16.1in D)
	<b>Gas Types</b>	Argon, argon / hydrogen mix
	<b>Retort</b>	High purity refractory retort (carbon-free)
	<b>RF Module</b>	Operating Band 2.4 GHz Wi-Fi Standards 802.11 b/g/n
<b>Safety &amp; Installation</b>	<b>Environmental Req.</b>	External exhaust (100–150 CFM)
	<b>Power</b>	200–240 V, 3 phase (3 wire), 30 A 346–416 V, 3 phase (4 wire), 30 A
<b>Physical Dimensions</b>	<b>External Dimensions</b>	1,370 x 810 x 1,520 mm (54 x 32 x 60 in)
	<b>Weight</b>	350 kg (772 lbs)



\* May vary by material, operating environment, run mass, electrical frequency, etc. **Note:** All specifications are approximate and subject to change without notice.

\*\* Express Run enabled for 17-4 PH parts where brown (washed and dried) mass totals 250 grams or less