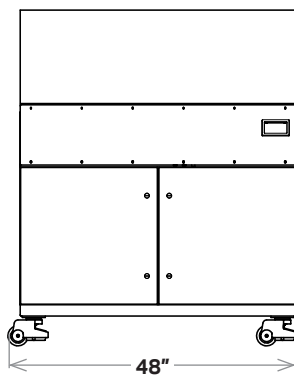


Sinter-2

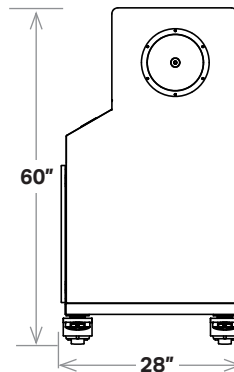
With an expansive active hot zone (19,644 cm³ / 1,199 in³), the Sinter-2 is the perfect solution for mid-volume batch production and for larger parts. Create high-purity metal parts by using sintering technology built with a carbon-free retort. This workhorse furnace is enabled with rapid cooling technology and can process the full range of commercial-grade metals from their washed state into dense metal parts in as few as 30 hours.

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

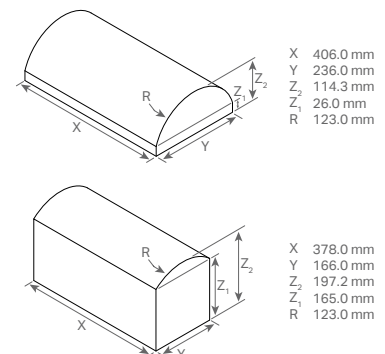
FRONT VIEW



SIDE VIEW



MAX SINTER VOLUME



* 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