

GMSF furnace facility

Max T(C)	Config	Size	Orientation	Atmosphere	iLab Designation	# Zones	Zone Vol (cc)	Diam (cm)	Length (cm)	Width (cm)	Height (cm)	Depth (cm)	Manufacturer
2500	Tube	Med	V	I, R	Astro Graphite Furnace	1	43	3.8	3.8	--	--	--	Astro
2000	Tube	Med	V	I, R	CRM Furnace	1	43	3.8	3.8	--	--	--	Centorr
1750	Tube	Med	V	I,R, O	MoSi2 Furnace	1	50	2.5	10.2	--	--	--	Deltech
1700	Tube	Large	H	A	3ZL 1700C MTI	3	2073	7.6	45.7	--	--	--	MTI
1500	Tube	Med	H	I,R,O	1Z SiC-Tube Furnace	1	50	2.5	10.2	--	--	--	Lindberg
1350	Box	Large	H	A, O	Flux Furnace	1	6924	--	--	16.5	12.7	33.0	Lindberg
1200	Tube	Large	H	A	3ZL 1200C MTI	3	4887	10.1	61.0	--	--	--	MTI
1150	Tube	Large	H	I,R,O	3Z L-Tube Furnace	3	14432	17.5	60.0	--	--	--	Lindberg
1150	Tube	Med	H	I,R,O	3Z M-Tube Furnace	3	250	3.8	22.0	--	--	--	Lindberg
1150	Tube	Small	H	I,R,O	1Z S-Tube Furnace	1	5	1.5	3.0	--	--	--	Lindberg
1150	Box	Small	H	A, O	Muffle Furnace	1	1721	--	--	12.7	8.9	15.2	Thermolyne
1100	Tube	Large	H	A	3ZL 1100C	3	9329	11.4	91.4	--	--	--	Lindberg
1000	Tube	Small	H or V	A,I,R,O	N/A	1	25	2.5	5.1	--	--	--	Kidd
275	Box	Large	H	A	N/A	1	147893	--	--	63.5	48.3	48.3	VWR
225	Box	Med	H	A	N/A	1	82820	--	--	48.3	48.3	35.6	GCA
225	Box	Small	H	A	N/A	1	11536	--	--	20.3	20.3	27.9	Napco

Orientation: V = vertical / H= horizontal

Atmosphere: I = inert / R = reducing / O = oxidizing / A = air