

# LINDBERG/MPH

## Silicon Carbide Box Furnace

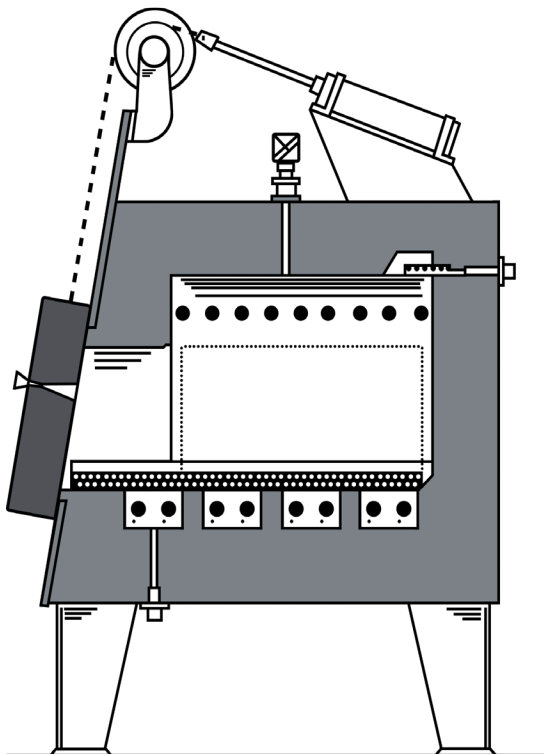
The Lindberg SC (silicon carbide element) box furnace is designed to convey precision high-temperature uniformity that is required when treating high alloy and high-speed tool steels. The SC box furnace has a temperature range up to 2500°F. Special attention has been given in the design to ensure maximum thermal efficiency and economy. The SC box furnace is available with endothermic, exothermic, and nitrogen based atmospheres.

### Benefits

- Precision high-temperature uniformity that provides excellent treatment of high alloy tool steels
- Durable design for years of worry-free use

### Features

- Standard endothermic atmosphere system
- Low surface watt release for an extended life
- Heating element circuit power transformer with tap switches
- Equipped with atmosphere inlet piping, burn off can, and pilot burner
- Flame curtain to product atmosphere in furnace



### Options

- Atmosphere control with oxygen probe
- Nitrogen-methanol atmosphere system
- Gas flow meters for various protective atmospheres
- Auto nitrogen purge system
- Temperature control and recorder options

### Applications

- Annealing
- Normalizing
- Hardening



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Model	Chamber Dimensions in. (cm)			Approx. Overall Dimensions (Inches)			Input kW	Approx Wt. Lbs
	W	D	H	W	D	H		
11-SC-153012-25A	15	30	12	60	70	93	50	3,220
11-SC-182418-25A	18	24	18	60	72	102	50	3,200
11-SC-183618_25A	18	36	18	60	74	102	68	5,220
11-SC243618-25A	24	36	18	59	78	105	75	6,300
11-SC-243624-25A	24	36	24	59	78	122	80	7,600
11-SC-244824-25A	24	48	24	57	84	111	90	9,500
11-SC-304830-25A	30	48	30	84	124	136	90	12,300
11-SC-364824-25A	36	48	24	77	104	144	95	12,300
11-SC-364830-25A	36	48	30	77	105	156	105	13,000
11-SC-486048-25A	48	60	48	108	123	182	130	26,100
11-SC-489648-25A	48	96	48	120	204	192	225	29,500

\* The "A" at the end of the model number indicates that an endothermic or protective gas atmosphere system is used. All specifications are subject to change without notice.



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