

# MICROTHERM MS BOX

## GENERAL INFORMATION

The furnace operates at temperatures up to 1550°C in air. It is designed for horizontal orientation. It has a double-wall shell separated by a fan-cooled air space to facilitate lead cooling and provide a cooler exterior. The furnace is furnished with a door interlock switch to interrupt power to the furnace and a double-pivoting insulated door to keep the hot face safely away from the operator and prevent extraneous heat loss. Two gas ports are located in the rear wall of the furnace for gas-in and gas-out capability, along with a single vent port located in the top back wall.

## HEATING ELEMENT

The furnace utilizes Silicon Carbide heating elements capable of 1550°C in air. The heating elements are positioned on two sides of the internal chamber.

## CONTROLLER

The furnace system comes complete with an Omega CN7800 integrated dual-display controller with 8 Ramp/Soak/Program Segments. There is a built-in integrated over temperature alarm in the system and an RS485 Communications Port available.



<b>SERIES</b>	MS Box Furnace
<b>MAX TEMPERATURE</b>	1550°C
<b>ELEMENT TYPE</b>	Silicon Carbide
<b>CONTROLLER</b>	Integrated Control System
<b>VOLTS</b>	208V/240V

*As always, if this product does not meet your requirements, please contact us.  
Mellen will work with you personally to create a product that best suits your needs every time.*

Prices are valid until 2018.



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MODEL	HEATED LENGTH (WxHxD)	V:W	EXTERNAL DIMENSIONS (WxHxD)	PRICE
MS15.5-6x7x6-1Z-IOT	6"x7"x6"	208V/240V:5200W	22"x32"x23"	\$8,395.00
MS15.5-12x12x12-1Z-IOT	12"x12"x12"	208V/240V:11000W	29"x36"x30"	\$12,095.00
MS15.5-16x16x16-1Z-IOT	16"x16"x16"	208V/240V:20000W	36"x49"x36"	\$18,295.00

*Please note, all exterior dimensions are approximate.*

