

MICROTHERM MD BOX FURNACE

MELLEN

GENERAL INFORMATION

The furnace operates at temperatures up to 1800°C in air. It is designed for a 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 door 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 Moly Disilicide heating elements capable of 1800°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.



SERIES	MD BOX FURNACE
MAXIMUM TEMPERATURE	1800°C
ELEMENT TYPE	MOLY DISILICIDE
CONTROLLER	INTEGRATED CONTROL SYSTEM
VOLTS	208V/240V
VALID PRICE DATE	2017

MICROTHERM MD BOX FURNACE



MODEL NUMBER	HEATED LENGTH (WxHxD)	V:W	OVERALL DIMENSIONS (WxHxD)	MAXIMUM TEMP	PRICE
MD17-6x7x6-1Z-IOT	6"x7"x6"	208V/240V:4200W	22"x32"x23"	1700°C	\$11,495.00
MD17-12x12x12-1Z-IOT	12"x12"x12"	208V/240V:18720W	29"x36"x30"	1700°C	\$24,995.00
MD17-16x16x16-1Z-IOT	16"x16"x16"	208V/240V:27000W	36"x49"x36"	1700°C	\$26,995.00
MD18-6x7x6-1Z-IOT	6"x7"x6"	208V/240V:4620W	22"x32"x23"	1800°C	\$14,995.00
MD18-12x12x12-1Z-IOT	12"x12"x12"	208V/240V:20592W	29"x36"x30"	1800°C	\$37,995.00
MD18-16x16x16-1Z-IOT	16"x16"x16"	208V/240V:29700W	36"x49"x36"	1800°C	\$43,995.00

Please note, all exterior dimensions are approximate.