

TD TUBE FURNACE

GENERAL INFORMATION

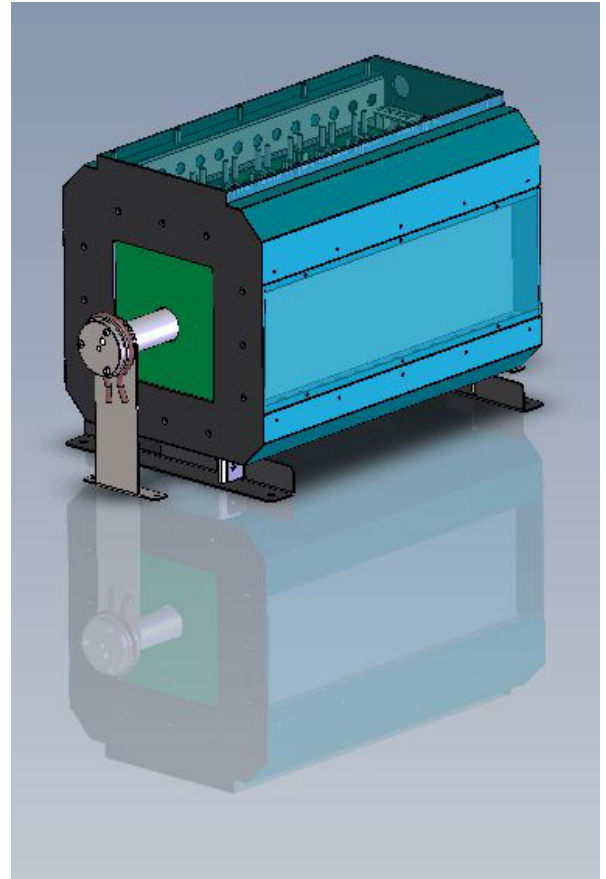
The furnace operates at temperatures up to 1800°C in air. The TD Tube Furnace incorporates the Mellen Structural Advantage to ensure reliability and durability. It utilizes a reinforced, double-walled steel shell construction that provides a cooler exterior and maintains its shape through repeated thermal cycling. The furnace comes standard with a single thermocouple port per zone and coated firebrick vestibules.

HEATING ELEMENT

The furnace utilizes Moly Disilicide Hairpin heating elements capable of 1800°C in air. The elements have surface-watt loading for longer life at elevated temperatures. The maximum temperature is dependent on the grade of the heating elements: Grade I at 1600°C; Grade II at 1700°C; Grade III at 1800°C. The heating elements are field-replaceable for ease of maintenance and are precisely placed to radiate heat uniformly to the internal chamber.

CONTROLLER

Sold Separately.



SERIES	TD Tube Furnace
MAX TEMPERATURE	1800°C
ELEMENT TYPE	Moly Disilicide Hairpin
CONTROLLER	Sold Separately
VOLTS	120V & 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.



TD TUBE FURNACE

MODEL	HEATED LENGTH (IDxL)	V:W	EXTERNAL DIMENSIONS (WxHxL)	MAX TEMP
TD16-3x6	3"x6"	120V:1330W	22"x27"x17"	1600°C
TD16-3x12	3"x12"	120/208/240V:2660W	22"x27"x23"	1600°C
TD16-3x18	3"x18"	208/240V:3990W	23"x27"x29"	1600°C
TD16-3x24	3"x24"	208/240V:5320W	23"x27"x35"	1600°C
TD16-3x36	3"x36"	208/240V:7980W	23"x27"x37"	1600°C
TD16-5x24	5"x24"	208/240V:24300W	27"x30"x35"	1600°C
TD16-5x36	5"x36"	208/240V:36400W	27"x30"x37"	1600°C
TD16-7x24	7"x24"	208/240V:36400W	29"x34"x35"	1600°C
TD16-7x36	7"x36"	208/240V:47780W	29"x34"x47"	1600°C
TD16-9x24	9"x24"	208/240V:42000W	35"x36"x35"	1600°C
TD16-9x36	9"x36"	208/240V:53000W	35"x36"x47"	1600°C
TD16-11x24	11"x24"	208/240V:42000W	35"x36"x35"	1600°C
TD16-14x36	14"x36"	208/240V:53000W	35"x36"x47"	1600°C
TD17-3x6	3"x6"	120V:3420W	22"x27"x17"	1700°C
TD17-3x12	3"x12"	120/208/240V:6840W	22"x27"x23"	1700°C
TD17-3x18	3"x18"	208/240V:15120W	23"x27"x29"	1700°C
TD17-3x24	3"x24"	208/240V:19560W	23"x27"x35"	1700°C
TD17-3x36	3"x36"	208/240V:19560W	23"x27"x37"	1700°C
TD17-5x24	5"x24"	208/240V:29160W	27"x30"x35"	1700°C

Please note, all exterior dimensions are approximate.



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MODEL	HEATED LENGTH (IDxL)	V:W	EXTERNAL DIMENSIONS (WxHxL)	MAX TEMP
TD17-5x36	5"x36"	208/240V:43680W	27"x30"x37"	1700°C
TD17-6x24	6"x24"	208/240V:36480W	28"x30"x35"	1700°C
TD17-6x36	6"x36"	208/240V:54720W	28"x30"x47"	1700°C
TD17-7x24	7"x24"	208/240V:43680W	29"x34"x35"	1700°C
TD17-7x36	7"x36"	208/240V:57336W	29"x34"x47"	1700°C
TD17-9x24	9"x24"	208/240V:50400W	35"x36"x35"	1700°C
TD17-9x36	9"x36"	208/240V:63600W	35"x36"x47"	1700°C
TD17-11x24	11"x24"	208/240V:50400W	35"x36"x35"	1700°C
TD17-14x36	14"x36"	208/240V:63600W	35"x36"x47"	1700°C
TD18-3x6	3"x6"	120V:3500W	22"x27"x17"	1800°C
TD18-3x12	3"x12"	120/208/240V:6900W	22"x27"x23"	1800°C
TD18-3x18	3"x18"	208/240V:15200W	23"x27"x29"	1800°C
TD18-3x24	3"x24"	208/240V:19600W	23"x27"x35"	1800°C
TD18-3x36	3"x36"	208/240V:19600W	23"x27"x37"	1800°C
TD18-5x24	5"x24"	208/240V:29200W	27"x30"x35"	1800°C
TD18-5x36	5"x36"	208/240V:43700W	27"x30"x37"	1800°C
TD18-6x24	6"x24"	208/240V:36500W	28"x30"x35"	1800°C
TD18-6x36	6"x36"	208/240V:54800W	28"x30"x47"	1800°C
TD18-7x24	7"x24"	208/240V:43700W	29"x34"x35"	1800°C

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TD18-7x36	7"x36"	208/240V:57400W	29"x34"x47"	1800°C
TD18-9x24	9"x24"	208/240V:50400W	35"x36"x35"	1800°C
TD18-9x36	9"x36"	208/240V:63600W	35"x36"x47"	1800°C
TD18-11x24	11"x24"	208/240V:50400W	35"x36"x35"	1800°C
TD18-14x36	14"x36"	208/240V:63600W	35"x36"x47"	1800°C

Please note, all exterior dimensions are approximate.

