

### Heat Treatment Furnace (For Standard Equipment)

Because of the SLM production method thermal stress occurs on the build part. To release thermal stress its highly recommend to use furnace as a post process after building the part.

- ✓ Dual skin housing for low external temperatures and high inner temperature stability
- ✓ Phosphate coated, and epoxy painted steel body outer case
- ✓ Wire heating elements positioned on both sides of the hot-zone for prime temperature uniformity
- ✓ Leak current circuit breaker providing additional operator safety
- ✓ Over temperature alarm relay for furnace protection
- ✓ Easy maintenance design



MODEL	MAXIMUM TEMPERATURE (°C)	CONTINUOUS OPERATING TEMPERATURE (°C)	INSIDE MEASUREMENTS (CM)			VOLUME (L)	OUTSIDE MEASUREMENTS (CM)			POWER (KW)	PHASE
1	1300	1250	20	20	25	10	72	56	64	3600	1
2	1300	1250	40	40	40	80	92	76	84	12000	3

### RETORT BOX

- ✓ Retort box is an economical solution for enabling controlled atmosphere environments within the chamber furnace.
- ✓ Argon or Nitrogen can be used as an inert gas
- ✓ Usable up to 1150 °C of working conditions.



### TEMPERATURE PROTECTION

- ✓ PC 442 T Model is used as an external over temperature protection controller as a standard. For more information regarding the unit please examine the Controller Manual.