



Thermal
Technologies

VACUUM FURNACES BRAZING

HHV vacuum brazing furnaces are specially designed for optimal brazing performance. Totally automated, computer controlled, recipe driven, horizontal and vertical vacuum brazing furnaces. The furnace is operated in manual and auto mode. Cycles are coordinated using temperature programme controller, PLC, and measuring instrumentations.



FEATURES

- Wide range of standard size vertical and horizontal vacuum furnaces and choice of pumping systems.
- Wide range of hot zones
- Choice of hot zone as simple as selecting the design and construction materials applicable to the process requirement
- Furnace built with all safety to protect the system failure and also operating person
- Excellent temperature uniformity $\pm 5^{\circ}\text{C}$ or better
- Superior pumping performance
- State of the art process cycle control system

VACUUM FURNACES BRAZING

SPECIFICATIONS

Parameters	Horizontal	Vertical
Hot zone size (mm)	400 (Dia) x 400 (Ht) x 600 (Dia) 600 (Dia) x 600(Ht) x 900 (Dia) 900 (Dia) x 900 (Ht) x 1200 (Dia) Custom sizes	500 (Dia) x 500 (Ht) 1200 (Dia) x 1700(Ht) 1500 (Dia) x 1500 (Ht) Custom sizes
Hot zone option	Graphite / Molybdenum	Graphite / Molybdenum
Charge weight (Kg)	250 / 500 / 1000	600/1500
Temperature (Deg. C)	1000 - 1350	1000 - 1350
Vacuum (mbar)	10^{-2} to 10^{-3} 10^{-4} to 10^{-5} (Optional)	10^{-2} to 10^{-3} 10^{-4} to 10^{-5} (Optional)



Over the last 5 decades of its expertise in vacuum science and technology, HHV Thermal Technologies has become an international supplier of high quality vacuum furnaces in the world. Its furnaces are designed with NADCAP standards and are certified for CE. We are an ISO 9000, 14000 and 45000 certified, and has an advanced research and manufacturing program for metallurgy and special purpose vacuum furnaces.

HHV THERMAL TECHNOLOGIES PVT LTD

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