



Application:

The inside of furnace doesn't contain any carbon, which avoids the pollution of carbon. Applicable for sintering high temperature pure material. Less working zone, especially for doing the experiment in laboratory. Also used to do the degassing of less product.

Features:

The furnace uses molybdenum wire as heating element with the whole metallic thermal insulation shield and pure molybdenum loading platform. Special design of thermal insulation shield to ensure the better uniformity of temperature, less deformation, long using life. Occupying less space, simple to operate it, easy to move it.

Main technical parameters:

Model	Rated Power	Rated Temperature	Working Size	Ultimate Vacuum
ZM-10-16	10KW	1600℃	Ø60X80mm	10 ⁻³ Pa
ZM-25-16	25KW	1600℃	Ø80X100mm	10 ⁻⁴ Pa
ZM-36-15	36KW	1500℃	Ø60X120mm	10 ⁻³ Pa



Application:

The furnace is vertical or horizontal configuration, mainly applies to metal annealing, brazing, sintering and degassing treatment under the condition of high vacuum and temperature. Meanwhile, also used to do the treatment of quartz dehydroxylation.

Features:

Vacuum molybdenum wire sintering furnace consists of furnace shell, heating element, thermal insulation shield, vacuum system and electrical control system.

1. Heating element adopts high temperature molybdenum wire or molybdenum strips. Reasonable layout of heating element is conducive to boosting temperature uniformity.
2. Main loop of circuit system is low voltage large current input. Automatic control adopts the mode of PLC plus touch screen. Going by the program, automatically perform the process of the motion, temperature rise and fall.

Simple to operate it. Control system possesses alarm and protective functions of water interruption, over-temperature and over-current etc.

Main parameters:

Model	Rated Power	Rated Temperature	Working Size	Ultimate Vacuum
ZM-40-10	40KW	1600℃	Ø200X280mm	10 ⁻³ Pa
ZM-45-15	45KW	1500℃	Ø340X400mm	10 ⁻⁴ Pa
ZM-160-13	160KW	1300℃	Ø730X940mm	10 ⁻³ Pa