

## **Ref. MD1305. CHAMBER FURNACES**

Our furnaces can be used in quality control test, ashing, heat treatment, preheating, melting, metallurgical research and sample production, etc. Our products have been produced for heavy duty conditions. It is one of the unique mechanical design provides long life and unique PID Control Unit provides reliability and ergonomics.

- Chamber walls made up of insulating fire bricks against mechanical abrasion and thermal aging and deformation.
- Half buried heaters at two sides and top in quartz tubes.
- Tight door insulating thanks to spring mechanism.
- Modular inner body, replacement and fully renewing the furnace in 30 minutes.
- Homogeneous temperature gradient in the chamber thanks to similar heat loss in every direction.
- Maximized the optimum insulation thickness to reduce the temperature of the outer surface.
- Contactless outer shell for low surface temperature.
- Ergonomic PID control unit placement. Operating without leaning.
- Standard chimney with fan.
- Adjustable foot screw.

Model	MD1305	MD1307	MD1310	MD1315	MD1320
Temp Max.(°C)	1300°C	1300°C	1300°C	1300°C	1300°C
Temp Con. (°C)	1275°C	1275°C	1275°C	1275°C	1275°C
Volume (L)	5,2L	7,4L	10,4L	15L	20L
Chamber Dim. (Cm)	15x15x23cm	20x16x23cm	25x18x23cm	25x20x30cm	25x20x40cm
Overall Dim (Cm)	48x64x64cm	58x65x65cm	58x65x66cm	58x72x75cm	58x72x80cm
Power (W)	2200W	2200W	3600W	4000W	4200W
I max. (A)	10A	10A	16,4A	18,2A	19,1A
Voltage (V)	220V	220V	220V	220V	220V
Freq (Hz)	50Hz	50Hz	50Hz	50Hz	50Hz

