

Crucible Furnace Atmosphere Retort

It's economical price makes this Retort ideal for a wide range of controlled atmosphere processes. It offers maximum operational convenience, reliability and repeatability in a variety of retort sizes.



Features

- Designed for use with Lindberg/MPH box furnace and control console systems
- High temperature alloy for continuous use temperature of 1090° C (1995° F)
- Combustible and non-combustible atmosphere gases
- O-ring seal between door plug and retort plate
- Toggle clamps for positive seal
- Heliarc-welded heavy gauge Nickel Alloy construction
- Atmosphere inlet and outlet tube and one monitor thermocouple port

Options

- Viton seals
- Maximum temperature of 1250°C
- Inert atmosphere flowmeters
- Retort thermocouples
- Retort locks offer automatic locking of the retort plug for combustible atmospheres
- When working with combustible atmospheres, an automatic combustion atmosphere safety system must be used

1100°C CRUCIBLE FURNACE RETORT (1050°C Maximum Retort Temp.)

Model	Inside Diameter in. (cm)	Inside Depth in. (cm)	Chamber Cubic Feet	Furnace Model
R-56610	5 (12.7)	7.88 (20.0)	0.09	56610
R-56611	5 (12.7)	7.88 (20.0)	0.09	56611
R-56820	7.56 (19.1)	7.88 (20.0)	0.21	56820
R-56821	7.56 (19.1)	7.88 (20.0)	0.21	56820

1200°C CRUCIBLE FURNACE RETORT (1050°C Maximum Retort Temp.)

Model	Inside Diameter in. (cm)	Inside Depth in. (cm)	Chamber Cubic Feet	Furnace Model
59622	4.13 (10.5)	7.5 (19.1)	0.06	56622
59682	7.56 (19.2)	7.88 (20.0)	0.21	56822
59696	9.5 (24.1)	13.38 (34.0)	0.55	56962
59628	11.5 (29.2)	17.38 (44.1)	1.04	56S-1218-1200°C

1500°C CRUCIBLE FURNACE RETORT (1090°C Maximum Retort Temp.)

Model	Inside Diameter in. (cm)	Inside Depth in. (cm)	Chamber Cubic Feet	Furnace Model
59623	4.13 (10.5)	7.5 (19.1)	0.06	56623
59695	8.5 (21.6)	11.38 (28.9)	0.37	56953
59625	11.5 (29.2)	11.38 (28.9)	0.68	56253
59628	11.5 (29.2)	17.38 (44.1)	1.04	56283

All specifications are subject to change without notice.