



»» Blue M Crucible Furnace Atmosphere Retort

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 Blue M crucible 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 stainless steel construction
- Atmosphere inlet and outlet tube and one monitor thermocouple port



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

Model	Inside Diameter (in.)	Inside Depth (in.)	Chamber cu.ft.	Furnace Model
R-56610	5 (12.7)	8 (20.3)	0.091	56610
R-56611	5 (12.7)	8 (20.3)	0.091	56611
R-56820	7.5 (19.1)	8 (20.3)	0.205	56820
R-56821	7.5 (19.1)	8 (20.3)	0.205	56821

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

Model	Inside Diameter (in.)	Inside Depth (in.)	Chamber cu.ft.	Furnace Model
59622	4.13 (10.5)	7.69 (19.5)	0.059	56622
59682	7.56 (19.2)	8.13 (20.7)	0.211	56822
59696	9.5 (24.1)	14 (35.6)	0.574	56962
59628	11.5 (29.2)	18 (45.7)	1.082	56S-1218-1200°C

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

Model	Inside Diameter (in.)	Inside Depth (in.)	Chamber cu.ft.	Furnace Model
59623	4.13 (10.5)	7.69 (19.5)	0.059	56623
59695	8.5 (21.6)	12 (30.5)	0.394	56953
59625	11.5 (29.2)	12 (30.5)	0.721	56253
59628	11.5 (29.2)	18 (45.7)	1.082	56283

All specifications are subject to change without notice.

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

**Gruenberg, Blue M, Tenney**

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Specifications and Product Information are subject to change without notice.

THERMAL PRODUCT SOLUTIONS

»»Blue M »»Gruenberg »»Lindberg/MPH »»Tenney