

NEW!

CARBOLITE®
IGERO 30-3000°C

SBCF – Static & Bogie Chamber Furnace



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The new CARBOLITE GERO chamber furnace is an industrial scale furnace based on a modular design which can be adapted to various applications. The one design offers different sized chambers, a choice of door location and various loading options.

Customers can choose a cubic chamber size from either 800 mm, 1200 mm or 1500 mm and on which side the door

should be hinged. The hearth can be either static or bogie loading and an optional vertical mounted fan can be offered to improve uniformity for aerospace applications.

Standard features

- 1100 °C maximum operating temperature
- Furnace can meet the requirements of AMS2750E
- Free radiating coiled wire elements on four sides
- Low thermal mass insulation for high energy efficiency

Design options

- Temperature interlocked door
- Left or right hinged door
- Bogie hearth
- Vertical air circulation fan
- 1, 2 or 3-zone temperature control
- Available with various instrumentation and data acquisition options

Specification summary

Model	Max temp (°C)	Dimensions: External H x W x D (mm)	Zones	Chamber Size (mm)	Chamber Working Volume (mm)	Uniformity (°C)	Max power (kW)
SBCF 11/512	1100	2353 x 1710 x 1354 (with fan) 2130 x 1710 x 1354 (without fan)	up to 3	800 x 800 x 800	600 x 600 x 600	±5	54
SBCF 11/1728	1100	2753 x 2110 x 1754 (with fan) 2530 x 2110 x 1754 (without fan)	up to 3	1200 x 1200 x 1200	1000 x 1000 x 1000	±5	96
SBCF 11/3375	1100	3053 x 2410 x 2054 (with fan) 2830 x 2410 x 2054 (without fan)	up to 3	1500 x 1500 x 1500	1300 x 1300 x 1300	±5	144

