

Swelling Number Index Furnace - SNF

General Information

The SNF furnace is designed to test the swelling index number of coal in accordance with the following standard test methods
 BS 1016-107.1:1991 Methods for analysis and testing of coal and coke. Caking and swelling properties of coal. Determination of crucible swelling number



Standard features

- For testing the free swelling index number of coal
- Also known as the crucible swelling number
- For testing to BS ISO 501:2012 and ASTM D720-91(2010)
- 30mA (RCD) residual current circuit breaker, protects the operator (because the test requires operation with the door open during heating)
- Precise PID temperature control using 2132 controller
- Supplied with wire crucible holder

Options (specify these at time of order)

- Accessory crucibles and lids available
- A range of sophisticated digital controllers, multi-segment programmers and data loggers is available. These can be fitted with RS232, RS485 or Ethernet communications
- Over-temperature protection (recommended to protect valuable contents & for unattended operation)
- Spare parts available separately or in a kit comprising; thermocouple, thermocouple sheath, heating element, solid state relay (SSR) and door insulation piece

Technical Specifications

SNF

Max temp (°C)	900
Maximum continuous operating temp (°C)	850
External crucible height (mm)	26
External crucible diameter (mm)	41
Internal crucible diameter at the base (mm)	11
Dimensions: External H x W x D (mm)	330 x 410 x 300
Thermocouple type	K
Max power (W)	800
Power supply	220V - 240V, 50-60Hz, single phase and neutral, with protective earth (ground) connection
Weight (kg)	26



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.